

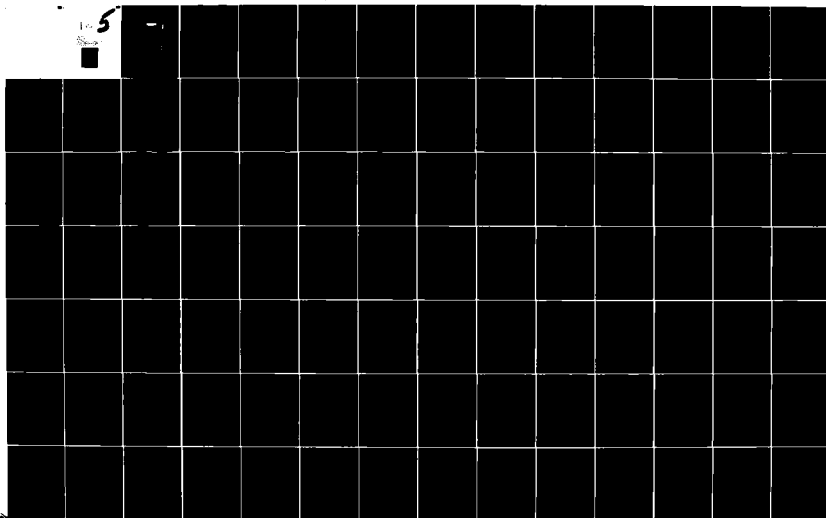
AD-A088 955

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2  
PYONGTAEK AB, CAMP HUMPHRIES, KOREA, REVISED UNIFORM SUMMARY OF--ETC (U)  
OCT 78  
USAFETAC/DS-80/081

UNCLASSIFIED

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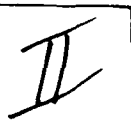
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INVENTORY

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USAFETAC DS-80/C81

CAMP HUMPHRIES

5125

DATA PROCESSING BRANCH  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

STATIONER AD NO/NAME CAMP HUMPHRIES DATE 10/20/78  
TYPE OF STATION USAFETAC MAC 47127

PARIS 445

FOR PARIS 445: PAR 44 - 501 17, 501 18 - PAR 44  
FOR PARIS 445: PAR 44 - 501 17, 501 18 - 501 19,  
501 68 - PAR 44

OCT 20 1978

FEDERAL BUILDING  
ASHEVILLE, N. C.

AD A088955

80 9 9 012

858-4420 5

SECRET

DD FORM 1003

• **ANALYSIS** – The process of breaking down a complex system or problem into smaller, more manageable parts to understand its structure and function.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables  
\* Korea                      \*\* Pyongtaek AB, Camp Humphries, Korea
  
20. and dew point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
43216	PYONGTAEK AAF KOREA K-6	N 36 57	E 127 02	45	RKSG	47127

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Pyongtaek AB Korea K-6	AAB	Mar 51	Aug 56	N 36 57	E 127 00	62	N/A	24
2	Same	Same	Sep 56	Sep 57	Same	Same	Same	Same	14
3	Same	Same	Jul 63	Feb 65	Same	E 127 02	Same	Same	13-14
4	Same	AAF	Mar 65	May 66	S Same	Same	Same	Same	12-14
5	Same	Same	Jul 66	Sep 70	Same	Same	Same	Same	11-14
6	Camp Humphries Korea K-6	Same	Oct 70	Dec 72	Same	Same	Same	Same	10-13
7	Pyongtaek AAF Korea	AAF	Jan 73	Feb 77	Same	Same	45	Same	11-12
8	Same	Same	Mar 77	Feb 78	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 51	Located on roof of weather station	AN/GMO-1	N/A	30 ft	
2	Apr 54	Located on 11 ft. mast over weather station.	Same	Same	27 ft	
3	Mar 56	Located on roof of weather station.	Same	Same	25 ft.	
4	Jul 63	Located 8 ft W of weather station, mounted on tripod on the ground.	MT869/PMQ-1	Same	approx 5 ft.	
5	Mar 64	Located on control tower 525 ft SE of center point of runway 14/32.	AN/GMO-11	Same	53 ft.	
6	Mar 65	Located 1/4 mile ENE of weather station on control tower.	Same	Same	50 ft.	
7	Oct 66	1. Located on control tower. (Used for winds when tower is opened.) 2. Located on platform on top of	Same	RO-2	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Mar 68	base operations bldg. (Used for winds when tower is closed.	TMQ-15		31 ft.	
9	Oct 70	Located on the control tower.	AN/GMQ-11	RO-2	50 ft.	
		Located 400 ft SW of centerline, 2622 ft from end of rnwy 32.	Same	Same	13 ft.	
10	Jan 7	Located 200 ft NE of centerline, 2697 ft from end of rnwy 32.	Same	Same	Same	
11	Feb 78	Same	Same	Same	Same	

IN MARCH OF 1977 THE NUMBER OF HOURLY OBSERVATIONS TAKEN AT PYONGTAEK WERE INCREASED FROM A LIMITED (DAYLIGHT HOURS) OBSERVING PRACTICE TO 24 HOURS A DAY. BECAUSE OF THIS UPGRADE IN OBSERVING, CERTAIN HOUR GROUPS IN THESE SUMMARIES CONTAIN COUNTS OR STATISTICS WHICH RESULTED ENTIRELY OR PRIMARILY FROM THIS SHORT PERIOD OF RECORD WHEN 24 OBSERVATIONS A DAY WERE TAKEN. THEREFORE, DATA CONTAINED IN THE HOUR GROUPS 00-02, 03-05, 18-20 AND 21-23 LST ARE NOT STATISTICALLY SIGNIFICANT AND SHOULD NOT BE USED.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

A

1 PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

# WEATHER CONDITIONS

STATION 4-21 STATION NAME 101st Airborne Cavalry Group, Fort Belvoir, Illinois 1954-1955 YEARS MONTH

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1-12					4.5		6.5	21.7	1.1	1.0		1.0	
2-12			1.0		2.7		10.3	18.0	21.0			1.0	
3-12			4.0	.1	5.7		10.3	28.0	1.0			14.0	
4-11			1.0		.0		7.4	32.0	22.0			1.0	1
5-15			1.0		4.5		5.7	6.0	22.0			12.7	1
6-12			2.0				3.1	3.7	1.0			20.2	
7-6					.0		7.5	10.0	17.0			2.0	
8-6					1.2		5.2	12.0	1.3			11.3	1
TOTALS			1.2	.0	1.2		6.7	17.0	11.5	.1		32.7	34

# WEATHER CONDITIONS

STATION NAME STATION NUMBER YEARS MONTH

MONTH	HOURS (U.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-2	00-02		4.0		2.4		4.3	13.1				13.1	1
	3-04		4.2		4.0		6.7	12.1	2.0			25.0	1
	5-07		5.1		5.0		7.9	22.0	2.0		.4	22.1	2
	9-11		5.5		4.0		4.0	18.0	2.0		.0	20.0	2
	12-14		4.3		4.1		5.4	5.2	2.3		.2	25.0	3
	15-17		4.0		2.3		6.3	2.0	1.6		.3	19.0	2
	18-20		.0		2.4		2.3	3.0	12.1			16.7	4
	21-23		2.1		1.0		3.6	2.1				2.1	14
TOTALS			4.5		2.0		7.3	10.0	13.4		.4	23.5	313

DATA PREPARED BY: [illegible]  
 DATE: [illegible]  
 AIR WEATHER SERVICE: [illegible]

# WEATHER CONDITIONS

STATION: 4821 STATION NAME: [illegible] YEARS: 1973-77 MONTH: [illegible]

WEATHER TABLE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM [illegible] TO [illegible]

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS1 TO VISION	TOTAL NO. OF OBS.
1	00-02		6.3		1.1		12.7	25.4	1.2			2.7	
	03-05		10.5		1.4		12.0	22.1	11.7		1.7	22.1	11.1
	06-08		5.7		2.4		7.6	42.1	21.1		1.7	31.1	27.1
	09-11		5.2		1.2		6.4	16.1	25.2		.1	41.3	3.1
	12-14	.1	5.3		1.4		5.6	3.7	11.1		.1	19.1	11.1
	15-17	.3	7.2	.1	1.0		9.1	2.1	11.2		1.1	12.1	1.1
	18-20		17.3				10.3	5.1	15.4		.1	24.4	1.1
	21-23		7.1				7.1	6.3	1.6			11.1	17.1
TOTALS		.1	7.2	.1	2.0		9.0	14.3	13.4		1.1	27.4	42.7

DATA PROCESSING BRANCH  
USAFETAC  
AIR FORCE SERVICE/NAF

# WEATHER CONDITIONS

STATION 4225 REINSTEEL AFB / CAMP BARKER 1-7, 73-77 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM 1973 TO 1977

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AP	00-02	1.1	14.9				14.9	4.4				4.4	100
	03-05		14.9				14.9	24.7	2.2		1.1	23.0	100
	06-08		9.8				9.8	26.7	27.0		.5	45.4	100
	09-11	.1	8.9				8.9	8.7	22.0		.5	30.1	100
	12-14	.4	10.0				10.0	2.1	7.0		.5	17.5	77
	15-17		9.5				9.5	1.0	0.3		.1	0.3	100
	18-20		10.1				10.1	3.4	3.4			6.7	100
	21-23		9.3				9.3	2.0	.7			2.7	150
TOTALS		.2	11.4				11.4	9.2	3.6		.4	17.1	3070

WATERBURY AIRPORT  
 WSA 7140  
 (15) 1410-1510/1710

# WEATHER CONDITIONS

STATION WATERBURY AIRPORT / WSA 7140 STATION NAME WATERBURY AIRPORT YEARS 71-72, 73-77 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
Jan	00-02		0.0				0.0	10.0				10.0	1
	03-05		0.0				0.0	21.2	11.3			24.1	31
	06-08	.1	6.6				6.6	26.0	14.2			37.5	100
	09-11	.1	4.9				0.9	6.7	15.0			22.2	100
	12-14		7.9				7.9	1.5	7.5		.1	8.7	100
	15-17		0.0				0.0	1.1	0.0			6.1	124
	18-20		0.3				0.3	2.2	5.4			7.5	100
	21-23		1.9				1.9	5.2	1.9			7.1	150
TOTALS		.1	6.2				6.2	9.4	7.5		.0	16.0	3017

ALBUQUERQUE, N.M.  
 44105 C. S. 10-5 (OL. A)  
 10-10-5 (OL. A)

# WEATHER CONDITIONS

STATION 44105 C. S. 10-5 (OL. A) STATION NAME ALBUQUERQUE, N.M. YEARS 1-1-77-77 MONTH

REPORT TOTAL HOURS OF WEATHER OBSERVATIONS  
 CONDITIONS OBSERVED IN THE MONTHS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1	00-02		4.4				4.4	44.4	1.1			47.5	1
	03-05		0				0	50.0	1.1			51.1	17
	06-08	1.1	10.0				11.0	37.7	1.1			39.8	21
	09-11	0.5	0.9				0.9	8.9	22.0			30.8	14
	12-14	0.5	0.5				0.5	0	12.7			13.2	11
	15-17	0.4	0.5				0.5	0	0.4			0.9	11
	18-20		0.9				0.9	9.9	22.0			31.9	11
	21-23		2.0				2.0	19.3	4.7			24.0	140
TOTALS		2.2	7.8				7.8	21.5	13.1			32.9	3142

DATA PROCESSING BRANCH  
 3000 TAC  
 AIRCRAFT SERVICE TAC

# WEATHER CONDITIONS

4523 STATION PANAMA DE RICA/CAMP AND PHENIX 1-7, 1973-77 YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM WIRE OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		5.4				5.4	37.7	7.2			49.9	13
	03-05	.4	12.0				12.0	44.4	7.7			47.1	252
	06-08	.5	16.8				16.8	36.3	17.3			44.4	179
	09-11	.7	15.5				15.5	11.2	14.4			25.2	14
	12-14	.0	13.0				13.0	2.0	7.5			11.0	772
	15-17	.1	11.9				11.9	1.2	6.1			7.4	732
	18-20	1.0	6.2				6.2	12.6	7.3			21.6	57
	21-23	.0	1.9				1.9	12.0	6.5			19.4	159
TOTALS		.9	10.6				10.6	19.9	6.3			27.2	3910

1. NAME OF STATION  
 2. LOCATION  
 3. DATE OF REPORT

# WEATHER CONDITIONS

4. STATION NUMBER  
 5. STATION NAME  
 6. YEARS  
 7. MONTH

8. PLACE TAGS FREQUENTLY IN THE PRESENCE OF WEATHER  
 CONDITIONS FOR RECORDING FORM TIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01	00-02		12.0				12.0	21.3				21.3	1
	03-05		.4				1.4	27.1	1.3			35.4	27
	06-08	1.3	12.6				12.3	35.7	1.3			12.3	124
	09-11	1.1	10.1				10.1	10.1	11.3			20.3	20
	12-14	1.0	8.0				8.0	1.0	11.1			11.3	172
	15-17	.5	7.5				9.5	1.1	2.6			2.6	115
	18-20		6.5				6.5	4.7	2.3			7.0	124
01		.5	6.5				9.5	14.7	1.0			7.5	21
TOTALS		.6	9.6				9.6	14.7	5.2			20.0	3183

## WEATHER CONDITIONS

NOISE TAGS FREQUENCY OF OBSERVATION OF WEATHER  
CONDITIONS FROM 1000 HOURS TO 1800 HOURS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
J.F.	00-02		5.6				5.6	27.				27.	1
	03-05		10.4				10.4	34.	3.			38.	1
	06-08	.5	5.5				5.5	44.1	5.7			49.8	2
	09-11	.1	7.5				7.5	13.4	12.1			31.	27
	12-14	.5	4.2				4.2	1.	4.2			10.7	71
	15-17		9.9				9.9	.	2.9			3.7	57
	18-20		9.9				9.9	2.9	2.9			7.9	171
	21-23		.6				.6	6.7	.6			7.2	10
TOTALS		.2	7.5				7.5	16.4	5.7			21.3	349

4421  
STATION  
STATION NAME  
STATION NUMBER  
STATION TYPE

# WEATHER CONDITIONS

4421 STATION NAME STATION NUMBER STATION TYPE STATION TYPE

STATION TYPE STATION TYPE STATION TYPE STATION TYPE

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1	1-24		1.1				1.1	69.0				69.0	1
2	1-24		1.1				2.2	43.7	1.1			43.7	2
3	1-24		6.7		.1		6.8	42.7	1.1			42.7	172
4	1-24		5.6				5.6	13.5	2.2			13.5	17
5	1-24	.4	5.2				5.2	1.1	11.9			13.3	11
6	1-24	.4	1.4				1.4	.4	1.1			7.3	10
7	1-24							15.7	14.7			30.4	12
8	1-24							21.5	1.1			22.6	10
9	1-24												
10	1-24												
11	1-24												
12	1-24												
TOTALS		.1	3.1		.1		3.1	26.0	9.0			34.0	3010

DATA PRECISION  
USAFETAC  
AID: TAILER SERVICE / AC

## WEATHER CONDITIONS

4321  
STATION

PERMUTEX, KAY/CA, F. H. P. P. J. J.

4-7, 13-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM AVAILABLE OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01	00-02		12.2		1.1		13.4	12.2				12.2	1
	03-05		2.6	.5	.5		10.7	14.7	4.1			16.8	117
	06-08		5.3		1.4		6.6	32.3	2.7			36.3	177
	09-11	.1	5.4		1.6		6.9	15.7	19.1			34.0	144
	12-14		4.9		1.6		6.5	4.0	13.8			17.7	395
	15-17		5.0		1.0		6.8	4.0	2.9			13.8	279
	18-20		11.1				11.1	6.7	2.2			8.9	80
	21-23		4.4		1.1		5.6	3.3				3.3	110
TOTALS		.0	7.4	.1	1.0		8.4	11.6	7.2			17.9	3362

NEW BRUNSWICK  
 STATE  
 AIRPORT

# WEATHER CONDITIONS

STATION 4321 STATION NAME NEW BRUNSWICK STATE AIRPORT YEARS 1973-77 MONTH

PERCENTAGE FREQUENCY OF WEATHER CONDITIONS FROM TOTAL OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
EO	00-02		2.2				2.2	39.0	1.1			40.0	1
	03-05		4.4		4.4		10.3	28.0	4.0			32.4	4
	06-08		4.4	.1	4.3		10.1	29.4	14.5			30.7	5
	09-11		4.4		4.4		9.7	23.0	2.4		.1	30.5	7
	12-14		4.2		4.4		9.3	5.7	20.6			31.2	6
	15-17		4.0		4.2		9.7	2.0	14.6			19.4	8
	18-20		4.4		4.2		7.5	29.0	11.3			40.0	13
	21-23		2.2				2.2	18.3				17.4	10
TOTALS			3.5	.1	4.3		7.6	22.1	14.3		.0	34.3	5411

WATER RESOURCES DIVISION  
 WASHINGTON, D.C.  
 AIRCRAFT SERVICE/NO

# WEATHER CONDITIONS

STATION: 0021 STATION NAME: PONTIAC AIRPORT, MICHIGAN YEARS: 1961-70 MONTH: JUL

WIND TABLE FREQUENCY BY HOUR OF DAY  
 CONDITIONS BY HOUR OF DAY

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		1.2	.0	5.0		6.7	17.0	1.1	.1		22.7	31.0
FEB			0.5		2.0		7.4	10.0	1.4		.4	23.8	31.1
MAR		.1	7.2	.0	2.0		9.3	14.0	1.4		1.1	27.4	37.0
APR		.2	11.4				11.4	9.0	.6		.4	17.1	37.0
MAY		.1	.2				0.2	9.4	7.3		.0	15.3	37.1
JUN		.2	7.0				7.3	21.5	1.1			32.0	37.2
JUL		.3	10.6				10.6	19.0	.3			27.2	37.0
AUG		.2	7.8				9.6	14.7	5.2			20.0	37.0
SEP		.2	7.5				7.5	16.4	5.7			21.3	34.0
OCT		.1	3.1		.0		3.1	26.0	0.0			34.0	35.0
NOV		.2	7.4	.1	1.0		8.4	11.0	7.2			17.0	33.0
DEC			3.5	.0	4.3		7.6	22.1	13.3		.0	34.3	34.1
TOTALS		.2	6.7	.0	1.3		7.9	16.1	10.1	.1	.2	25.4	41.23

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

# WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
I			5.4		.0	.	35.2	45.	31.7	1.		71.	14
II		.	13.7		22.5		32.3	43.	23.5	.		67.	27
III			27.5	.0	1.5		33.6	43.	4.0			60.2	54
IV		1.0	29.7		.5	.	29.7	36.	3.3		.	55.0	44
V		1.1	22.2				32.2	40.	33.5			55.0	44
VI		2.1	1.5				39.8	50.	26.5			31.	25
VII		0.1	24.2				34.2	55.	23.5			32.2	22
VIII		4.3	41.5				31.5	49.5	25.3		.3	36.5	47
IX		4.	27.0			.	27.9	55.1	20.1			60.1	42
X		.	24.3				24.3	32.	35.3			33.0	33
XI		1.5	33.4		7.4	.	36.8	45.7	2.7			57.4	42
XC			1.4		2.5	.	34.4	42.	4.5			61.5	351
TOTALS		2.1	29.4	.0	7.4	.	35.3	46.0	37.6	.	.1	60.5	413

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

DATA PROCESSING BRANCH  
USAF/ETAC/IL A  
AIR WEATHER SERVICE/NAO

## EXTREME VALUES

43214 PYROGLIC ACID/CA P HJPHR10 61-27, 63, 68-77

24 . 06 AP 57 IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

DATA PROCESSING BRANCH  
USAF/ETAC/MLA  
AIR WEATHER SERVICE/AC

# EXTREME VALUES MONTHLY PRECIPITATION

4321 PIEDMONT AIR KLY/CAMP PHIPPHIES  
STATION

51-57, 63, 68-78  
YEARS

## TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51			* 1.28	.88	5.20	1.15	3.89	10.12	4.16	.06	2.79	1.24	
52	.21	.43	1.74	3.19	.17	2.77	9.74	5.23	5.37	2.13	2.22	.77	33.97
53	.33	.20	3.40	2.42	3.17	7.95	13.72	6.87	1.71	1.60	.63	1.06	*43.75
54	1.00	3.01	.23	2.94	3.38	4.18	10.49	10.11	5.00	1.92	.55	1.37	43.82
55	.80	.15	1.14	2.01	1.96	7.03	10.68	4.15	6.17	1.07	2.51	.65	38.94
56	.57	.45	5.39	4.02	3.16	11.22	14.39	5.52					
57													
63													
68								*10.61*	4.46*	3.06*	.05*	.15	
69	* 1.76*	.39*	.66*	4.61*	.86*	.39*	6.53*	9.61*	7.03*	.15*	1.06*	.78	*33.83
70	* .15*	1.75*	.04*	2.04*	1.77*	3.54*	9.65*	6.06*	13.27*	3.46*	1.47*	.40	*41.54
71	* .81*	.80*	2.21*	1.73*	3.85*	2.39*	12.44*	5.85*	3.26*	.32*	.31*	.05	*46.82
72	* 2.51*	1.03*	3.39*	1.36*	3.80*	.92*	9.22*	19.86*	3.01*	.74*	4.05*	.24	*50.24
73	* 1.34*	.24*	.04*	4.57*	2.24*	2.50*	2.63*	5.45*	3.49*	.61*	.90*	.12	*27.72
74	* .28*	.67*	1.71*	7.32*	7.95*	7.07*	11.15*	5.92*	1.99*	1.96*	.49*	.62	*42.20
75	* .26*	.13*	4.08*	4.56*	2.76*	1.66*	9.26*	6.88*	5.22*	1.99*	1.27*	.07	*38.94
76	* .13*	2.90*	.09*	2.72*	.79*	2.60*	4.42*	17.73*	.85*	1.35*	1.71*	1.32	*36.70
77	* .05*	TRACE*	1.19	9.64	2.29	2.19	8.20	3.28	4.39	.17	3.20	1.94	*36.52
78	.36	1.04											
MEAN	.545	.995	2.380	3.586	2.904	5.264	10.565	6.628	4.143	1.392	1.083	1.272	40.600
S.D.	.305	1.352	2.041	2.845	1.824	3.743	4.485	2.954	1.598	.787	1.127	.499	
TOTAL OBS	412	371	402	416	417	414	420	453	400	414	392	401	4912

NOTE \* (BASED ON LESS THAN FULL MONTHS)

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

DATA PROCESSING BRANCH  
USAF/ETAC/DIL A  
AIR LAUNCHER SERVICE/AC

# EXTREME VALUES

SNOWFALL

FROM JULY 1961 TO PRESENT

4321  
STATION

PROJ. TRACK AB KJ/CAMP HENPHRIES  
STATION NAME

51-17, 03,

68-70  
YEARS

## 24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHS
51				*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.7	.7	
52		.3	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	2.0
53		1.3	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.0
54		.7	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7
55		4.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.4
56		2.8	6.9	.7	TRACE	.0	.1	.0*	.0	.0	.0*	.0		
57					.0	.0	.0	.0	.0*	.0	.0			
58														
59	*	4.5*	2.0*	5.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	.4	
60	*	1.6*	TRACE*	.5*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.0	* 3.0
61	*	.7*	1.0*	3.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE	* 1.0
62	*	2.1*	3.1*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE	* 3.1
63	*	.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.2	* .5
64	*	.8*	1.0*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.7*	* 1.7
65	*	.7*	3.0*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	1.8	* 3.0
66	*	2.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.5	* 3.5
67	*	.7*	TRACE*	.5	TRACE	.0	.0	.0	.0	.0	.0	1.1	2.0	2.0
68		2.0	2.0											
69														
70														
71														
72														
73														
74														
75														
76														
77														
78														
79														
80														
81														
82														
83														
84														
85														
86														
87														
88														
89														
90														
91														
92														
93														
94														
95														
96														
97														
98														
99														
00														
MEAN	*	2.25	2.53	.14	TRACE	.00	.00	.00	.00	.00	.00	.30	.72	3.03
S.D.		1.407	1.592	.313	.000	.000	.000	.000	.000	.000	.000	.482	.757	
TOTAL OBS.		411	373	403	447	448	444	452	483	441	446	418	401	5167

NOTE \* (BASED ON LESS THAN FULL MONTHS)

DATA PROCESSING TRACE  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/ETAC

**EXTREME VALUES**  
 MONTHLY SNOWFALL

FROM DAILY OBSERVATION

4321 PLYMOUTH AIR K I/CAMP HUMPHRIES 51-17, 53, 68-72  
 STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL MONTHS
51			*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.7	.8	
52	.6	6.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	9.0
53	2.4	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	* 4.0
54	5.9	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0
55	2.7	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.0
56	7.5	6.1	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	
57				.0	.0	.0	.0	.0	.0	.0	.0	.0	
58													
59	* 2.7*	2.0*	6.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	.4	
60	* 1.6*	TRACE*	.5*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	5.1	* 22.0
61	* 1.0*	2.1*	3.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	2.1	* 9.0
62	* 2.4*	4.1*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.5*	TRACE	* 13.0
63	* .6*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.2	* .0
64	* .7*	2.6*	2.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.7*	5.0	* 12.1
65	* .2*	2.0*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.3	* 6.6
66	* 2.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	.8	* 5.3
67	* .7*	TRACE*	.5	TRACE	.0	.0	.0	.0	.0	.0	1.1	2.0	* 4.3
68	4.4	2.1											
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
MEAN	5.08	3.40	.22	TRACE	.00	.00	.00	.00	.00	.00	.30	.43	9.37
S.D.	2.932	2.549	.492	.000	.000	.000	.000	.000	.000	.000	.482	.850	
TOTAL OBS.	411	373	403	447	448	444	452	483	441	446	418	401	5167

NOTE \* (BASED ON LESS THAN FULL MONTHS)

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000			OVER 2000	MEAN	GREATEST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4				
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120				
JAN																	
FEB																	
MAR																	
APR																	
MAY																	
JUN																	
JUL																	
AUG																	
SEP																	
OCT																	
NOV																	
DEC																	
ANNUAL																	

2

DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOW DEPTH

FORM 12-1 (REV. 11-71)

43210 PANDOLFER AB KY/CAMP HUMPHRIES  
STATION

51-57, 63,

66-71

## DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
51			*	0	0	0	0	0	0	0	0	0	1
52	TRACE	2	0	0	0	0	0	0	0	0	0	0	1
53	2	1	0	0	0	0	0	0	0	0	0	0	TRACE
54	2	4	0	0	0	0	0	0	0	0	0	0	TRACE
55	4	TRACE	0	0	0	0	0	0	0	0	0	0	0
56	3	5	TRACE	0	0	0	0	0	0	0	0	0	0
57	4	9	TRACE	0	0	0	0	0	0	0	0	0	0
63								0*	0	0	0	0	0
64								*	0*	0*	0*	0*	1*
65	*	13*	14*	3*	0*	0*	0*	0*	0*	0*	0*	0*	1*
66	*	1*	0*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*
67	*	3*	1*	1*	0*	0*	0*	0*	0*	0*	0*	0*	1*
68	*	0*	4*	0*	0*	0*	0*	0*	0*	0*	0*	0*	2*
69	*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
70	*	5*	1*	1*	0*	0*	0*	0*	0*	0*	0*	0*	1*
71	*TRACE*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	18
72	*	4*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*
73	*	1*	TRACE*	TRACE*	0	0	0	0	0	0	0	0	TRACE
74		2	1										
MEAN	2.4	3.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	3.0
S.D.	1.297	3.132	.000	.000	.000	.000	.000	.000	.000	.000	.000	.463	1.152
TOTAL OBS.	441	399	436	447	448	444	468	511	471	477	456	465	5463

NOTE \* (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

DATA PROCESSING RANGE  
ETAC/USAF  
NIR LATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PYLON JETPORT 7000 FT 1950-1950 YEARS MONTH JULY  
STATION NAME CLASS HOURS (LST) 0000-2400  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2											2.2	2.0
NNE	1.1											1.1	2.0
NE	1.1											1.1	3.0
ENE	7.5	1.1										8.6	2.4
E	6.5	2.2										8.6	2.4
ESE	1.1											1.1	2.0
SE	1.1											3.2	2.0
SSE	2.2											2.2	4.0
S	1.1											1.1	1.0
SSW	1.1		2.2									3.2	5.7
SW	4.3		1.1									5.4	3.0
WSW													
W	4.3		6.5	1.1								11.8	2.9
WNW	2.2		4.3	1.1								7.5	7.1
NW	3.2	7.5										10.8	4.1
NNW	2.2	2.2	1.1									5.4	4.2
VARBL													
CALM												26.9	
	43.0	12.9	15.1	2.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING CENTER  
 FIAO/USAF  
 AIR WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321 PENTAGON AIR / CAMP BUCHANAN - 060700  
 STATION NAME CLASS MONTH  
 0300-0400  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.0										3.0	3.1
NNE	2.2											2.2	3.3
NE	3.3											3.3	1.0
ENE	4.4	.5	.5									5.0	3.3
E	4.4	4.9		1.1								11.0	3.3
ESE	3.3	4.4										3.2	3.3
SE	2.2											2.2	3.3
SSE	1.1	1.1										2.2	3.3
S	1.1		.5									2.2	3.3
SSW	1.1	1.1										2.2	3.3
SW		.5										.5	3.3
WSW	.5		.5									1.1	3.3
W	3.3	1.1	2.7	.5								3.2	3.3
WNW	2.2	4.9	1.0									3.0	3.3
NW	3.3	1.0	.5	1.0								7.1	3.3
NNW	1.1	1.0	1.1									4.4	3.3
VARBL	.5		.5									1.1	3.3
CALM												24.7	
	40.1	23.0	8.2	3.3								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 182

DATA PROCESSING SECTION  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321 STATION 4321 STATION NAME PINE BLUFF / CAPTAIN PHILIPPS YEARS 1970, 71-78  
STATION NORTH  
CLASS ALL WIND  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	1.5	1.7	.9									1.6	4.2
NNE	.7	.8										1.5	3.0
NE	.7	.5										1.5	3.1
ENE	2.7	1.1	.1	.1								4.0	4.1
E	4.0	4.0	.0	.4								5.2	4.5
ESE	1.7	1.9	1.1									4.7	4.2
SE	.0	1.5	.0									3.1	4.4
SSE	.0	.5	.5									1.0	4.1
S	1.1	.4	.0									1.7	3.9
SSW	.0	.5	.0									.8	4.3
SW	.0	.5	.0									1.2	5.0
WSW	.0	.1										1.1	5.5
W	2.0	2.7	.5	.5	.5							5.2	5.2
WNW	1.5	2.0	.0	.1								4.3	5.0
NW	.7	2.9	1.2	.5								5.4	5.4
NNW	.0	.9	.7	.5								2.3	6.6
VARBL	.4	.1										.5	4.8
CALM												7.1	
	21.4	22.4	7.5	1.7	.5							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 740

U.S. AIR FORCE  
 100-100-1  
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100-100-1 STATION NAME 100-100-1 YEARS 100-100-1 MONTH 100-100-1  
 CLASS 100-100-1 CONDITION 100-100-1

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.1									1.0	1.0
NNE		1.0	1.1									1.0	1.0
NE	1.0	1.0	1.1									1.0	1.0
ENE	1.0	1.0	1.1									1.0	1.0
E	1.0	1.0	1.1									1.0	1.0
ESE	1.0	1.0	1.1									1.0	1.0
SE	1.0	1.0	1.1									1.0	1.0
SSE	1.0	1.0	1.1									1.0	1.0
S	1.0	1.0	1.1									1.0	1.0
SSW	1.0	1.0	1.1									1.0	1.0
SW	1.0	1.0	1.1									1.0	1.0
WSW	1.0	1.0	1.1									1.0	1.0
W	1.0	1.0	1.1									1.0	1.0
WNW	1.0	1.0	1.1									1.0	1.0
NW	1.0	1.0	1.1									1.0	1.0
NNW	1.0	1.0	1.1									1.0	1.0
VARBL	1.0	1.0	1.1									1.0	1.0
CALM	1.0	1.0	1.1									1.0	1.0
	17.1	29.6	15.1	4.2	.2			.1				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 100

DATA PROCESSING  
FACILITY  
AIR LAUNCH SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521 PYROSTAT / CH. F. THOMPSON 7-70, 73-78

STATION STATION NAME YEARS

ALL W. T. H.

CLASS

CONDITION

JA

MONTH

1200-1400

HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.1									2.2	4.4
NNE	.7	.0										1.5	3.2
NE	.3	1.5	.2									2.6	4.7
ENE	.5	.4	.7	.7								1.9	7.4
E	1.1	2.0	.4	.7	.1							4.3	6.2
ESE	.5	1.5	.1									2.2	4.4
SE	.4	1.0	.5									2.7	5.5
SSE	.7	.9	.1									1.8	3.6
S	.7	1.9	.7	.1								3.6	5.6
SSW	.7	.9	.4	.1								2.4	4.0
SW	1.0	1.6	2.0	.3								5.5	6.9
WSW	2.3	2.4	1.6	.7								7.3	1.1
W	1.2	1.4	5.3	1.1								15.7	6.6
WNW	.7	3.5	7.0	4.6	.3		.1					16.1	7.4
NW	.3	3.3	4.3	3.0	1.1							12.1	5.7
NNW	.4	.7	1.2	1.3								3.6	4.3
VARBL	.1	.7	.1									.9	4.1
CALM												13.6	
	14.6	22.9	25.2	12.0	1.5		.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 741

DATA PROCESSING PACKAGE  
 FTAC/USAF  
 AIR LEADER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4571 STATION NAME PYONGTAEK AFB K / CA F COMBINES YEARS 7-70, 73-78  
 CLASS ALL WINDS  
 CONDITION  
 NORTH 1500-1700  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.0	.1									1.5	5.9
NNE	.4	.1	.1									.7	5.8
NE	.3	.0	.1									1.0	4.4
ENE	.1	.7	.4									1.2	5.3
E	.3	1.5	.6	1.0								3.4	7.9
ESE	.1	.7	.1									1.0	5.4
SE	.4	1.0	.1									1.6	4.4
SSE	.7	.3										1.2	7.2
S	.7	.4	1.0	.1								2.2	7.5
SSW	.1	.7	.4									1.5	5.1
SW	.7	3.1	1.0	.4								5.9	6.2
WSW	.7	2.4	2.1	.4								5.6	6.5
W	.7	7.7	9.1	2.4								23.7	7.0
WNW	1.0	5.9	9.3	4.0	1.0							22.1	7.7
NW	.1	3.5	4.4	2.6	1.5	.4						11.0	6.8
NNW	.7	.9	1.2	.7	.1							3.7	7.9
VARBL	.1	.1	.3									.6	6.0
CALM												10.2	
	10.2	32.6	31.4	12.6	2.7	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 674

DATA PROCESSING FACILITY  
 EIAO/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521 STATION 4521 STATION NAME PENTAGON AIR FIELD CLASS ALL WIND CONDITION MONTH 1000-2000 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1										2.2	3.0
NNE		1.1										1.1	6.0
NE													
ENE	5.4											5.4	1.1
E	6.5											6.5	2.5
ESE													
SE	2.2											2.2	2.0
SSE													
S	4.3	1.1										5.4	2.4
SSW	4.3	1.1										5.4	3.0
SW	2.2	1.1	3.2									6.5	6.7
WSW	6.5	1.1	1.1	1.1								9.7	4.2
W	11.8	7.5	5.4									24.7	4.3
WNW	3.2	3.2	4.3	1.1								11.8	6.4
NW	4.3	1.1	1.1	1.1								7.5	4.6
NNW													
VARBL			3.2									3.2	10.0
CALM												8.6	
	51.6	18.3	18.3	3.2								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 74

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321- PANGLOSS AB K-7CA P HOSPITALS 7  
 STATION STATION NAME YEARS MONTH  
 ALL AT TIL 2100-2300  
 CLASS HOURS (L & T)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.2											2.2	1.5
NE	2.2											2.2	1.5
ENE	3.2	2.2										5.4	2.5
E	2.2											2.2	2.5
ESE	2.2	1.1										3.2	2.7
SE	4.3											4.3	1.5
SSE	4.3											4.3	1.5
S	3.2	1.1										4.3	2.3
SSW	2.2	2.2	1.1									5.4	4.0
SW	4.3		2.2									6.5	3.0
WSW	2.2		4.3	1.1								7.5	7.7
W	3.2	1.1	3.2	1.1	1.1							9.7	7.1
WNW	4.3	1.1	4.3									9.7	5.6
NW	1.1	3.2	3.2									7.5	7.6
NNW		2.2	1.1									3.2	5.7
VARBL													
CALM												22.6	
	40.9	14.0	19.4	2.2	1.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR FATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43210 STATION PYRENEAN AIR / CAMP HIGH PHIP 1-5 70-72, 73-78 YEARS JAN MONTH ALL HOURS (L.S.T.)

ALL W. T. CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.4									2.8	4.4
NNE	.1	.6	.1									1.4	3.4
NE	.1	.6	.2									1.9	3.5
ENE	1.1	.6	.2	.3								3.4	4.7
E	2.3	3.0	.6	.2	.0							6.6	4.9
ESE	1.7	1.7	.7									3.6	4.1
SE	.7	1.5	.0									3.0	4.0
SSE	.7	.7	.4	.0								2.1	4.3
S	1.0	.9	.7	.1								2.7	5.1
SSW	.1	.9	.4	.0								2.1	4.0
SW	.3	1.2	1.0	.1								3.3	5.7
WSW	1.2	1.2	1.0	.1								3.8	6.0
W	2.0	3.1	4.0	.2	.1			.0				12.7	6.4
WNW	1.0	3.5	4.5	2.0	.3		.0					11.7	8.9
NW	.9	3.1	2.2	1.7	.3							8.8	8.3
NNW	.0	1.3	1.1	.7	.1							3.7	7.3
VARBL	.3	.2	.2									.8	5.0
CALM												25.6	
	12.0	27.8	18.9	6.0	1.0	.0	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3427

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ WAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4321      PYONGTAK AB K-7/CALP HANPHR [ES]      7      11      1000-2200  
STATION      STATION NAME      YEARS      MONTH      HOURS (L.S.T.)

ALL WINDS      CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0											3.6	1.3
NNE	1.2											1.2	2.0
NE		7.1										7.1	4.3
ENE	1.2											1.2	1.0
E	4.0											4.8	2.0
ESE	2.4											2.4	1.5
SE	1.2											1.2	1.0
SSE	2.4	1.2										3.6	2.7
S	2.4											2.4	2.5
SSW		0.0	1.0									7.1	4.0
SW	1.2	2.4	1.2									4.8	4.0
WSW	2.4	2.4	1.2									6.0	4.8
W	4.0		2.4	1.2								8.3	5.0
WNW	2.4	4.8										7.1	3.8
NW	3.6	2.4	2.4	1.2								7.5	4.5
NNW	2.4	2.4										4.8	3.5
VARBL													
CALM												25.0	
	75.7	24.6	8.3	2.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS      84

DATA PROCESSING SECTION  
ETAC/USAF  
AIR LAUNCH SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321- STATION PYONGTAEK AIR K/CAMP HUBPHIES 67-68, 76, 78  
STATION NAME YEARS  
ALL WINDS  
CLASS  
CONDITION  
FILE MONTH 0300-0400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.2	.0									5.5	3.4
NNE	1.0											1.0	2.3
NE	.0	1.0										2.4	4.3
ENE	3.0											3.0	2.4
E	5.5	3.0										5.5	3.1
ESE	1.0	1.0										2.6	3.5
SE	3.0	1.2	.0	.0								6.1	4.2
SSE	.0	.0	1.2									2.4	5.3
S	3.0	.0										3.6	2.2
SSW	3.0	.0										3.6	2.5
SW	1.2	1.2										2.4	3.4
WSW	1.0	3.0	.0									5.5	3.0
W	0.7	3.0	3.0									12.7	4.3
WNW	3.0	3.0	.0	.0	.0							3.5	5.5
NW	1.0	2.4	.0									4.8	4.9
NNW	1.0	.0	3.0									5.5	6.1
VARBL													
CALM												20.0	
	43.6	24.2	10.3	1.0	.0							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 165

DATA PROCESSING BRANCH  
 ETAL/USAF  
 AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4321 STATION NAME: PONTIAC AFB / C. P. H. P. P. J. 1-70, 75-78 YEARS: MONTH: 7600-0600 HOURS (L.S.T.):

CLASS: ALL W. T. 1

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.1	.1								3.0	4.4
NNE	.0	.6	.1									1.3	4.1
NE	1.0	.9	.0									2.8	4.5
ENE	1.0	2.1	.0	.4								4.0	5.4
E	3.0	2.8	1.0									5.6	6.7
ESE	1.0	2.5	.0									4.9	4.9
SE	2.7	1.8	.7									5.3	4.1
SSE	.4	.4	.3									1.2	5.1
S	.1	.6	.3									1.9	4.0
SSW	.1	.1	.1	.1								.6	7.5
SW	.1	.1	.7	.1								1.2	4.5
WSW		.4	.3									.7	6.4
W	1.3	2.7	1.2		.1							5.6	5.7
WNW	.3	1.2	1.0	.1	.4							3.1	5.1
NW	.7	1.7	3.1		.1							5.9	7.2
NNW	.7	1.8	2.1	.1								4.7	6.5
VARBL													
CALM												43.3	
	20.0	21.6	13.2	1.2	.7							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 675

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

43217  
STATION

PERMUTER CAMP/CAAMP HUMPHRIES  
STATION NAME

71-70, 75-78  
YEARS

FEB  
MONTH

1900-1100  
HOURS (L.S.T.)

ALL AT TIMES  
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.2	.0	.0	.1							3.7	0.3
NNE	.0	.7	.1		.1							1.8	4.6
NE	1.1	1.4	1.4									3.9	5.2
ENE	1.1	1.9	1.1	.0								4.7	5.9
E	1.0	6.4	1.1	.0								9.9	5.4
ESE	1.0	1.7	.7									3.9	4.4
SE	1.1	1.7	1.4	.1								4.9	5.5
SSE		1.2	.7									1.9	5.9
S	.0	1.1	.7			.1						2.5	6.2
SSW	.3	.0	.0		.1	.1						1.9	6.5
SW	1.1	1.0	1.5	.4	.1							4.2	7.0
WSW	.1	2.1	.0									2.8	5.3
W	1.0	2.9	2.5	.7								7.1	6.4
WNW	.4	1.9	3.0	1.0	.1							7.1	6.4
NW	1.7	2.6	5.8	1.2	.3	.2						11.9	6.3
NNW	.0	2.1	2.9	1.1								6.9	7.1
VARBL	.1											.1	2.0
CALM												20.7	
	14.0	21.5	25.0	6.1	1.0	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 720

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321  
STATION

PLYMOUTH AIRPORT / CAMP HARRIS

71-70, 73-78

FE

STATION NAME

YEARS

MONTH

ALL WINDS

CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	.0	.2								3.4	5.2
NNE	1.2	.2	.2	.2								2.3	4.9
NE	.2	1.0	.2	.2								2.7	6.2
ENE	.2	1.1	.2	.2								2.1	4.3
E	.2	2.4	.2	.2	.2							4.7	7.3
ESE	.2	1.1	.2									1.4	4.4
SE	.2	2.9	.2									4.1	5.1
SSE	.2	.0	.2									1.4	4.1
S	.2	.0	.2									1.8	5.5
SSW		1.1	.2	.2	.2							2.4	7.2
SW	.2	1.5	2.0	1.1	.2							5.6	7.2
WSW	1.4	2.7	2.0	1.7	.2							9.2	7.7
W	1.5	2.0	7.7	2.0	.2							17.4	1.3
WNW	1.2	4.3	7.2	5.0	.2							18.6	9.4
NW	1.1	1.7	4.1	2.0	.2							9.8	7.5
NNW	.2	2.0	1.7	.2								5.0	7.5
VARBL	.2		.2	.2								.8	7.4
CALM												9.1	
	11.0	31.2	30.5	15.7	3.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

655

DATA PROCESSING CENTER  
 FTAC/SAFE  
 AIRCRAFT SERVICE/AC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

4321      PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED      1-70, 73-79

STATION      STATION NAME      YEARS

CLASS

CONDITION

MONTH      150-170  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	1.0									3.6	5.2
NNE	.1	.2										.2	1.0
NE	.1	1.0	.0	.0								3.3	4.9
ENE	.2	.7	1.0									1.8	7.3
E	.3	2.0	1.0	.7								4.4	7.0
ESE	.2	.5	.0									1.0	5.9
SE	.3	.7										1.0	3.3
SSE		.2										.2	4.0
S	.2	.5	.3									1.0	5.0
SSW	.2		1.0		.3							1.5	15.9
SW	.2	1.3	1.0	2.0	.3							5.4	1.3
WSW	.2	2.3	3.1	1.0	.2							7.2	5.9
W	1.2	7.7	13.7	3.3	.3	.0						25.4	5.3
WNW	.2	3.3	13.0	6.0	1.0	.0						25.4	10.2
NW	.7	1.5	3.0	2.0	.5	.0						3.2	10.2
NNW	.3	1.0	1.0	.2								2.8	6.5
VARBL		.2	.3									.5	9.7
CALM												4.3	
	5.8	25.5	43.0	17.0	3.1	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS      607

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR LAUNCH SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PYRENEAN MOUNTAIN CAMP 7 YEARS FEB MONTH 1960-2000 HOURS (L.S.T.)  
CLASS ALL ALL TH  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		1.2	4.0									6.0	7.2
ENE		1.2										1.2	5.6
E	1.0											1.2	3.0
ESE													
SE													
SSE			1.0									1.3	7.0
S	2.4	3.0										5.0	4.0
SSW	1.0	3.0										4.8	4.0
SW		4.8										4.8	4.5
WSW	3.0	1.8	3.0									11.9	5.2
W	4.0	23.2	13.1									40.1	5.1
WNW	2.4	4.8	6.0									13.1	7.4
NW		2.4										2.4	4.0
NNW													
VARBL			1.0									1.2	5.0
CALM												8.3	
	15.0	46.4	29.0									100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 84

WIND RECORD SHEET  
 STATION NAME  
 DATE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: PERMANENT STATION 70-100-100-100 YEARS: 7 MONTH: 10-1960  
 CLASS: ALL HOURS (L.S.T.): 0000-2300  
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.4										2.4	1.0
NNE	1.2	1.2										2.4	1.0
NE	1.2	2.4	1.2									4.8	1.5
ENE	2.4											2.4	1.0
E			1.2									1.2	1.0
ESE	2.4											2.4	1.5
SE	2.4											3.6	2.0
SSE	2.4											2.4	1.5
S	4.8	2.4										7.2	2.7
SSW	2.4	1.2										3.6	2.0
SW	2.4	1.2	2.4									7.2	2.5
WSW	2.4	4.8										7.2	3.0
W	6.0	4.8	1.2									11.9	4.2
WNW	1.2	2.4	0.4									4.0	1.5
NW	2.4	2.4	2.4									7.2	2.7
NNW	1.2	1.2	1.2									3.6	1.7
VARBL													
CALM												19.0	
	22.3	20.4	15.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 94

DATA FROM S. I. 10-10-64  
 FTAC/LSAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: PERMITS ALK / CAFE 1-70, 71-75 1  
 STATION: PERMITS ALK / CAFE 1-70, 71-75 1  
 CLASS: ALL  
 CONDITION:   
 MONTH: 1  
 HOURS: 1

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	1.0	0	0	0							1.4	1.0
NNE	0	0	0	0	0							1.6	1.2
NE	0	1.0	0	0	0							3.0	1.3
ENE	1.0	1.3	0	0	0							3.3	1.1
E	2.0	3.2	1.0	0	0							7.0	1.2
ESE	1.1	1.4	0	0	0							3.0	1.4
SE	1.0	1.0	0	0	0							3.8	1.1
SSE	0	0	0	0	0							1.4	1.1
S	0	0	0	0	0							2.2	1.0
SSW	0	0	0	0	0							3.0	1.1
SW	0	1.1	1.0	0	0							3.1	1.2
WSW	0	2.1	1.0	0	0							5.0	1.1
W	1.0	1.7	1.0	0	0							4.1	1.3
WNW	0	2.0	1.0	0	0							12.6	1.2
NW	1.0	2.0	3.7	1.0	0							1.6	1.2
NNW	0	1.0	2.0	0	0							4.8	1.1
VARBL	0	0	0	0	0							0.3	1.3
CALM												17.4	
	10.3	27.9	25.9	8.0	1.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 174

## SURFACE WINDS

[illegible]

USAFETAC FORM 0-8.5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/AF

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4021 STATION NAME DYNASTY AIR/CA FORT PHILIP YEARS 67-69, 77 MONTH 10-1969 HOURS (L.S.T.) 030-0500

CLASS ALL WINDS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.0									1.0	1.0
NNE	.5	.5										1.0	1.5
NE	1.0	1.0										2.0	1.4
ENE	1.0	1.0	1.0									3.0	1.7
E	4.0	3.0	1.0	.5								8.5	4.5
ESE	2.0	2.1	1.0									5.1	4.2
SE	1.0	.5	.5									2.0	4.0
SSE		1.0										1.0	4.4
S	.5											.5	2.0
SSW	.5		.5									1.0	5.0
SW	1.0	1.0		.5	.5							3.0	5.0
WSW	1.0	2.0	.5									4.0	4.3
W	2.1	2.0	4.0	1.0	.5	.5						11.0	8.5
WNW	.5	.5	2.1	.5								3.0	9.4
NW	1.0	1.0										2.0	4.0
NNW	.5	1.0	1.0	.5								3.0	7.4
VARBL													
CALM												41.4	
	19.4	20.4	14.1	3.1	1.0	.5						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 191

DATA PROCESSING AND  
ETAC/USAF  
AIR LEADER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION NAME YEARS MONTH HOURS (L.S.T.)  
STATION NAME CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	.0	.1								2.7	1.1
NNE	1.2	.9										2.1	1.4
NE	1.2	1.4	.1	.0								3.0	4.7
ENE	1.0	1.5	.0	.0								4.7	5.0
E	2.0	4.9	1.3	.0								2.0	4.0
ESE	1.0	2.7	.0									4.8	4.1
SE	.0	1.9	.4									3.1	4.0
SSE	.0	.6		.0								1.5	5.5
S	.0	1.0		.0								2.2	5.1
SSW	.0	.3	.0	.1								1.5	5.9
SW	.0	.5	.1									1.0	4.3
WSW	.0	1.0	1.0	.0	.1							3.0	7.1
W	1.3	2.4	1.7	.0	.3							4.2	6.4
WNW	.0	1.9	2.1	.0	.1							5.4	7.7
NW	.0	1.8	1.0	1.4								5.3	8.1
NNW	.0	1.5	1.3	.4								3.9	6.6
VARBL		.1										.1	4.0
CALM												41.5	
	14.0	26.0	12.2	4.0	.5							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 776

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/440

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321	PYR. STICK AS R / CAMP CAMPBELL	76-77	1976-1977
STATION	STATION NAME	YEARS	DATE
	ALL WINDS		MONTH
	CLASS		0000-1100
	CONDITION		HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	1.1	.2	.1							2.2	4.4
NNE	.6	.7	.1									1.4	4.0
NE	.0	1.3	.5	.1								2.5	5.2
ENE	1.1	1.7	2.0	.2								5.0	4.7
E	1.4	4.6	1.0	1.0	.2							8.0	6.5
ESE	1.7	3.0	1.0	.2								6.0	5.1
SE	1.3	2.3	1.0	.1								5.3	5.5
SSE	.7	1.2	.0	.2								2.9	4.0
S	.7	1.0	.0	.2								3.4	5.6
SSW	1.0	1.0	.0	.4								2.9	5.7
SW	.7	.5	1.1	.2	.2							3.0	5.0
WSW	.7	1.6	.7	.7		.1						3.8	7.3
W	.7	4.8	3.0	.7	.2	.1						10.4	7.2
WNW	.7	3.0	2.5	2.2	1.1	.2						9.8	10.0
NW	1.1	1.3	1.9	1.4	1.0		.1	.1				7.0	10.3
NNW	.1	2.2	1.4	1.1	.2			.1				5.2	6.6
VARBL	.1											.1	2.0
CALM												20.2	
	13.2	31.5	21.2	9.2	3.1	.2	.1	.2				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING RANGE  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321- STATION 4321- STATION NAME PENTAGON AFB / CAPT. PHILIPPS YEARS 73-77 MONTH 1200-1400  
CLASS AIR WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	.3	.3								4.6	4.5
NNE	.3	.6	.3	.1								1.3	.7
NE	.3	1.3	.3	.1								1.9	.3
ENE	.3	.8	.3	.3								2.1	.3
E	1.2	1.9	2.7	1.3	.4							7.5	.2
ESE	.3	1.0	.3									1.8	.5
SE		.2	.3	.4								2.1	.4
SSE	.1	.5	.4									1.0	.1
S	.6	1.6	.5	.2								3.5	.3
SSW	.1	1.0	.4	.3								2.2	.2
SW	.1	2.4	1.7	1.3	.3	.1	.1					5.8	.6
WSW	.2	2.4	2.7	1.3	.5							7.6	.7
W	.3	7.2	10.3	4.3	.8	.3	.1					23.7	.9
WNW	.3	3.5	5.2	4.1	1.7	1.3	.4					16.8	1.4
NW	.3	2.1	1.7	1.3	.8	.1						7.2	.7
NNW	.3	1.4	.6	.3	.3	.1	.1					4.3	.0
VARBL	.3		.1									.4	.7
CALM												7.3	
	8.4	31.3	29.1	10.8	4.6	1.7	.8					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 776

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321-  
STATION

RYANGLACK AB K/CA P-38PHOENIX

76-77

YEARS

MONTH

1900-1700  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	.0									2.3	4.0
NNE	.2	.7	.1									1.4	4.2
NE	.1	.8	.1									1.1	4.4
ENE		1.1	.3									1.6	4.1
E	.1	1.5	2.0	.1								4.5	4.1
ESE		.0	.4	.4								1.6	7.3
SE	.3	.7	.7	.1								1.8	7.2
SSE		.1	.5	.1								.2	4.3
S	.3	.3	.3	.3	.3							1.6	10.1
SSW	.1	.4	.7		.1							1.6	4.0
SW	.3	1.2	2.3	1.0	.7							5.4	4.3
WSW	.1	1.6	2.4	1.0	.4	.1	.1					5.9	4.9
W	.7	2.9	13.0	5.1	2.9	1.0						27.1	10.7
WNW	.7	2.9	9.2	5.4	2.0	.7	.3					21.9	11.2
NW	1.4	2.0	3.4	2.6	1.0	.0	.3					11.9	11.4
NNW	.0	1.0	1.0	1.0	.3	.1	.1					4.2	4.7
VARBL			.1									.1	10.0
CALM												5.2	
	0.0	20.5	30.0	17.0	0.4	2.7	.0					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 735

DATA PROCESSING SECTION  
 ETAC/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521 STATION 4521 PRINCIPAL ACTIVITY CAMP PIPINIS 17 YEARS NORTH 130 - 2100  
 CLASS ALL WINDS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0									1.0	2.0
NNE													
NE													
ENE		2.0										2.0	2.0
E	1.3	2.0										3.0	2.7
ESE													
SE		1.3		2.0								3.0	2.7
SSE		1.3	1.3									2.0	2.0
S		1.3										1.3	2.0
SSW		1.3	1.3									2.0	2.0
SW		2.0	1.3									3.0	2.0
WSW		2.0										2.0	2.0
W		7.7	12.0	2.0	1.3							24.0	2.2
WNW		0.4	3.0	2.0								12.0	2.0
NW		1.3										1.3	4.0
NNW			2.0	1.3								3.0	2.0
VARBL	1.3											1.3	2.0
CALM												29.5	
	2.0	30.8	20.9	9.0	1.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 10

DATA PROCESSING BRANCH  
HTAC/USAF  
AIR WEATHER SERVICE/HTAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION 4321 STATION NAME PINEAPPLE AFB, CA P 1000-2100 17 YEARS MONTH 10 HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.5	2.0
NNE													
NE		1.5										1.5	4.0
ENE	1.0											1.5	2.0
E		3.0										3.0	5.0
ESE													
SE			3.0									3.0	1.0
SSE													
S	1.0											1.5	2.0
SSW			1.0									1.5	10.0
SW		1.5										1.5	5.0
WSW	4.0	3.0										7.6	3.0
W		3.0	3.0	1.0								7.6	5.0
WNW		1.5	3.0	4.0	1.0							10.6	12.0
NW	1.0											1.5	3.0
NNW			1.0									1.5	7.0
VARBL													
CALM												26.1	
	10.0	13.0	12.1	0.1	1.0							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 66

DATA PROCESSING DIVISION  
 AFMPC/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15215 STATION NAME REYNOLDS AFB / CARBON PITCHES YEARS 66-70, 73-77 MONTH ALL  
 CLASS ALL  
 CONDITION ALL  
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	.7	.1	.0							2.4	1.2
NNE	.1	.7	.1	.1								1.5	1.2
NE	.1	1.2	.2	.1								2.1	1.2
ENE	.7	1.3	1.1	.2								3.1	1.1
E	1.2	3.2	1.1	.1	.1							7.5	1.4
ESE	1.1	1.0	.3	.1								1.5	1.1
SE	.1	1.4	.2	.1								3.0	1.1
SSE	.1	.7	.4	.2								1.6	1.1
S	.1	1.2	.4	.2	.1							3.6	1.3
SSW	.1	.6	.0	.0	.0							1.0	1.0
SW	.1	1.2	1.2	.0	.3	.1	.0					3.7	1.1
WSW	.7	1.7	1.1	.7	.2	.1	.0					4.0	1.1
W	.1	.6	7.0	2.4	.9	.2	.0					16.1	1.1
WNW	.7	2.7	4.0	2.4	1.1	.2	.1					12.6	1.1
NW	.1	1.7	2.0	1.2	.6	.2	.1	.0				7.2	1.0
NNW	.1	1.4	1.1	.0	.2	.1	.1	.0				4.2	1.0
VARBL	.1	.0	.1									.2	1.0
CALM												21.8	
	11.1	20.7	24.1	11.2	3.6	1.1	.4	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3518

DATA PROCESSING RANGE  
 1140/USAF  
 AIR WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4521      PERIOD 15 JUL 64 / 06 SEP 64      YEARS 2      NORTH 1300-1400  
 STATION NAME      CLASS      HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.1									3.3	4.7
NNE		3.3										3.3	4.7
NE													
ENE	1.1											1.1	.
E		1.1										1.1	.
ESE													
SE													
SSE													
S	1.1											1.1	3.3
SSW													
SW		2.2	4.4									4.7	7.0
WSW		2.2	1.1	1.1								4.4	7.0
W		1.1			1.1							2.2	11.5
WNW	1.1		1.1	2.2								4.4	10.5
NW													
NNW													
VARBL													
CALM												12.2	
	4.4	11.1	7.0	3.3	1.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING  
 FAL/USAF  
 AIRCRAFT SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521      REPORT OF WIND / CH. 10.      07, 77      45

STATION      STATION NAME      YEARS      MONTH

CLASS      1300-1400

CONDITION      HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.5										1.4	2.0
NNE	1.0	1.0										2.4	1.0
NE		1.4										1.4	5.0
ENE	1.0	.5	1.0									3.4	4.2
E	2.0	2.3	3.0									14.9	5.7
ESE	1.4	1.9	.5									3.8	4.0
SE	1.0	1.9										2.9	4.2
SSE	1.0	1.9	1.0									5.8	5.3
S	1.0	.5										1.9	2.5
SSW	.5	1.0										1.4	4.0
SW	.5	1.4										1.9	4.0
WSW		.5										.5	4.0
W		1.0	1.0	2.4	.5							4.8	11.0
WNW	1.0	1.9			.5							3.4	4.3
NW	1.0	1.0			.5							2.4	4.0
NNW	.5	.5										1.0	4.5
VARBL													
CALM												46.6	
	14.2	22.1	6.2	2.4	1.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS      207

DATA PROCESSING CENTER  
 DTIC/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4521 STATION NAME DEL WIND MARK FOR PIRELIPS YEARS 1-10, 71-77  
 CLASS  
 CONDITION  
 NORTH  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.3									1.6	4.0
NNE	.1	.2	.3									1.6	4.0
NE	.1	.1	.4	.3								1.6	4.0
ENE	1.7	2.2	1.2	.4								5.6	5.6
E	3.0	3.0	4.0	.3								10.1	10.1
ESE	2.0	3.4	1.6	.1								6.7	10.7
SE	.1	1.3	.1									2.9	5.3
SSE	.1	.6	1.0									2.7	.1
S	.1	.7	.1	.1								2.2	5.7
SSW	.1	.1	.3	.3								1.3	7.4
SW	.1	.6	.1	.3	.1							2.6	7.7
WSW	.1	.8	.7	.1	.1	.1						2.2	7.0
W	1.3	1.4	1.7	.3	.3	.1						6.8	7.4
WNW	.7	1.2	.6	.3	.3	.1						3.3	.1
NW	.1	.7	.4	.1	.1							2.1	6.0
NNW	.3	.2	.3									1.7	5.0
VARBL	.3	.1										.4	2.1
CALM												39.9	
	14.5	26.3	15.0	2.2	1.2	.						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 705





DATA PROCESSING SECTION  
HAF/USAF  
AIR TRAFFIC SERVICE/AF

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321 STATION NAME: PINEAPPLE AFB, CALIF. YEARS: 1973-77 MONTH: 1976-1977  
STATION: STATION NAME: CLASS: CONDITION: HOURS: (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	.5									2.2	4.0
NNE		.7	.4									1.1	5.0
NE		.5	.1	1.0	.3							1.9	1.0
ENE		1.0	.5	.2	.3							2.0	5.9
E	.2	1.8	2.3	1.0	.1							5.1	5.9
ESE		.4	1.9	.5								2.0	5.7
SE	.1	.4	1.1	.5								2.0	6.2
SSE	.1	.7	.5	.5								1.6	7.4
S	.2	.3	1.8	.7	.1							2.3	10.1
SSW	.2	.1	.6	1.1								2.3	5.0
SW		1.0	3.0	1.2		.5						5.4	10.0
WSW	.3	2.4	4.0	1.0	.4							9.2	7.2
W	.7	5.7	10.3	5.3	2.2	.5						25.0	15.3
WNW	.1	2.2	6.3	4.1	1.5	.1						19.8	7.7
NW	.1	3.0	2.2	2.3	.1							7.7	5.0
NNW	.1	2.0	1.0	.5								3.7	6.8
VARBL	.5	.3			.1							.7	7.1
CALM												4.8	
	6.7	20.8	38.6	20.0	2.2	1.0						102.0	9.0

TOTAL NUMBER OF OBSERVATIONS 736

DATA PROCESSING  
 ATLAS/USAF  
 AIRCRAFT SERVICE/NAF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0321 STATION NAME 0100-1000/0100-1000 YEARS 77  
 CLASS ALL WINDS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			1.1									1.1	1.1
NE		1.1	1.1									2.2	1.1
ENE													
E		1.1										1.1	1.1
ESE		1.1										1.1	1.1
SE		1.1										1.1	1.1
SSE													
S		2.2										2.2	2.2
SSW		1.1	1.1									2.2	1.1
SW		4.5	2.2									6.7	3.4
WSW	2.2	2.2	3.4	3.4								11.2	7.4
W	3.4	11.2	10.1	5.6								30.3	7.4
WNW	2.2	10.1	4.5									16.9	6.9
NW	1.1	2.2	2.2									5.5	2.2
NNW													
VARBL													
CALM												13.5	
	9.0	41.0	27.0	9.0								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 69

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR FATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321 STATION 4321 STATION NAME PONTIAC AIRCRAFT COMPANY YEARS 1961 MONTH 120-2700 HOURS (L.S.T.)

CLASS ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1										1.1	4.0
NNE		1.1										1.1	4.0
NE			1.1	1.1								2.2	11.0
ENE													
E		1.1										1.1	4.0
ESE													
SE		1.1										1.1	4.0
SSE													
S													
SSW													
SW	3.3	1.8	2.2									13.3	4.0
WSW	1.1	2.2		1.1								4.4	4.0
W	1.1	1.8	5.0	1.1	1.1							16.7	7.9
WNW	2.2		1.1									3.3	4.7
NW		1.1										1.1	4.0
NNW													
VARBL													
CALM												54.4	
	1.3	23.3	10.0	3.3	1.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING FACILITY  
 ETAC/USAF  
 AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4321 STATION NAME PYRENEAN MOUNTAIN CAMP PHRITS YEARS 1970, 71-72  
 MONTH ALL MONTHS (L.S.T.)  
 CLASS ALL WIND  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.1								0.2	0.0
NNE	.0	.0	.0									0.0	0.0
NE	.1	1.2	.0	.0	.1							0.4	1.0
ENE	.1	1.5	1.0	.0	.1							0.6	0.0
E	1.0	4.6	3.0	1.1	.4							11.0	7.0
ESE	.0	2.0	1.2	.2	.0							0.3	0.0
SE	.0	1.7	.0	.0								0.4	0.0
SSE	.0	1.0	1.0	.1								0.6	0.0
S	.0	1.0	1.0	.4	.1							0.2	0.0
SSW	.0	.0	.0	.7	.1							0.7	0.0
SW	.0	1.5	2.2	.0	.1	.1						0.0	0.0
WSW	.0	2.0	2.0	.0	.2	.1						0.7	0.0
W	1.1	4.3	5.2	2.4	1.2	.0	.1					0.7	0.0
WNW	.0	3.0	3.3	1.1	.0	.1	.0					0.6	0.0
NW	.1	2.3	1.2	.7	.1	.0						0.0	0.1
NNW	.0	1.5	.7	.0								0.7	0.1
VARBL	.0	.3		.0	.1							0.6	0.0
CALM												0.0	0.0
	10.1	30.3	25.1	9.0	3.1	.1	.1					100.0	0.1

TOTAL NUMBER OF OBSERVATIONS 3505



DATA PRECISION ANALYSIS  
 (TAC 705-1)  
 AIR WEATHER SERVICE TAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 4521 STATION NAME Puerto Rico / C.R. P. (P.R.) YEARS 1967, 1977  
 CLASS ALL WINDS  
 CONDITION  
 NORTH 0300-1500  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4										.7	1.5
NNE	1.3	.4										1.7	4.0
NE	.7	.9										1.7	4.0
ENE	4.1	2.2	.7									7.4	6.2
E	7.4	0.1	1.7									15.2	6.9
ESE	3.3	2.0	.4									6.5	6.7
SE	.4	1.3	.4									2.2	5.2
SSE		.7		.7								1.3	6.7
S		.7										.9	4.0
SSW	.1	.4										.9	4.0
SW	.1	.4	.7	.7								2.0	7.2
WSW	.1		.4	.4								.9	6.5
W	.7	.4	6.0	.4								4.3	7.9
WNW	.1	.4										.9	4.5
NW	.1	.4	.7									1.3	5.7
NNW													
VARBL													
CALM												51.5	
	21.6	18.2	7.4	1.3								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 231

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

4321	DUNSTON K. K. / C. P. B. P. 195	1-10, 71-77	68
STATION	STATION NAME	YEARS	MOUTH
	ALL		0600-800
	CLASS		HOUR (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 759

DATA PROCESSED BY  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4321 STATION PYRENEAN MOUNTAIN CAMP PHOENIX ST-10, 73-77 DAY MONTH 0900-1100  
 STATION NAME YEARS CLASS CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.0									1.9	6.9
NNE	.0	.2	.0									1.6	6.2
NE	.0	1.2	.7	.1								3.2	6.6
ENE	.0	2.4	.7	.0								4.4	6.2
E	1.0	3.4	3.0	1.0								10.2	6.9
ESE	.0	2.7	1.0	.1								5.4	6.6
SE	1.4	4.4	1.0									6.7	6.9
SSE	.0	1.7	1.0	.0								4.2	6.6
S	1.1	1.9	1.0	.1	.2							4.9	6.5
SSW	.7	1.0	.0	.0	.4							3.0	6.1
SW	.4	2.0	1.0	1.0								4.6	7.6
WSW	.5	2.7	2.4	.7	.1							6.5	7.3
W	2.4	2.0	1.7	1.1	.7	.1						11.7	6.9
WNW	1.1	2.0	1.0	.2								5.0	6.0
NW	1.1	2.0	.0									4.1	6.4
NNW	.4	.9	.0									1.9	6.7
VARBL		.5	.1									.6	5.4
CALM												20.1	
	12.0	37.3	19.7	6.4	1.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 402

DATA PROCESSING RANGE  
 ETAC/USAF  
 AIR LATER SERVICE/NAO

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321 STATION PRINCETON AIR FORCE BASE, NEW JERSEY 10-11-77 MONTH 1200-1400  
 STATION NAME PRINCETON AIR FORCE BASE CLASS 1  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.0	.9										1.8	5.1
NNE		1.1	.1									1.2	5.0
NE	.3	1.3	.6	.4								2.6	7.0
NNE	.3	.9	1.3	.5	.1							3.2	6.4
E	.5	2.2	2.5	.4	.1							5.8	7.6
ESE	.7	1.7	1.3	.3								3.0	6.5
SE	.4	1.2	1.3	.5								3.2	6.7
SSE	.1	.5	.7	.5								1.8	7.9
S	.1	1.6	1.7	.1								3.6	6.3
SSW	.1	1.1	.7	.1	.3							2.5	6.0
SW	.7	2.4	2.5	.4	.4	.5						6.8	6.1
WSW	.8	2.9	3.7	1.7	.1	.1						9.3	6.2
W	1.6	9.1	8.7	2.1	.8							22.2	7.0
WNW	1.6	4.1	4.9	2.0	.4	.1						13.0	6.0
NW	.5	2.9	1.4	.4								5.3	6.3
NNW	.7	1.4	1.2	.3								3.6	6.4
VARB	.4	.1	.1	.3								.9	6.9
CALM												9.1	
	9.6	35.4	33.4	9.5	2.2	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 760

DATA PROCESSING WAC  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

43215 PREDICTOR MARK/CALF PHOENIX SC-10,73-17 STATION MONTH 1973-1974

STATION STATION NAME YEARS CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	.4		.3							1.8	7.5
NNE	.3	1.1	.1	.1								1.7	6.2
NE		1.1	.0	.1	.3							2.1	6.5
ENE	.3	1.0	.4	.1	.3							2.1	7.9
E	.7	1.0	2.2									3.9	6.3
ESE		1.1	.0	.1								1.8	6.9
SE	.1	.6	1.5	.1								2.3	7.8
SSE	.1	.1	.0									1.1	7.0
S	.1	.8	1.1	.1								2.2	7.3
SSW	.1		1.0	.0								1.9	10.5
SW		1.7	2.0	1.1	.7	.2						6.2	12.3
WSW	.4	2.2	3.2	2.5	.4	.1						3.8	9.9
W	1.1	6.5	14.0	3.0	1.2	.0						27.6	9.1
WNW	.5	3.5	10.4	4.0	.4	.1						19.5	9.3
NW	.4	2.3	4.1	2.2								9.1	8.7
NNW	.0	1.8	.0	.4								3.3	5.9
VARBL		.1	.4	.0								1.1	10.4
CALM												3.5	
	5.1	22.7	44.0	16.0	3.6	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 724

DATA PROCESSING RANGE  
 FTAC/USAF  
 AIR-FAIRER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 PYONGTAEK AD K-7 CAMP THOMPSON 77  
 STATION STATION NAME YEARS  
 CLASS  
 CONDITION  
 DAY MONTH  
 1000-2000  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1										1.1	5.0
NNE	1.1											1.1	3.3
NE													
ENE		2.2	1.1									3.2	4.0
E		3.4	2.2									7.5	6.3
ESE													
SE		1.1										1.1	4.0
SSE													
S		1.1										1.1	5.0
SSW	1.1											1.1	2.0
SW		3.2	2.2	1.1								6.5	8.5
WSW	2.2	3.6	0.5									17.2	6.0
W	2.2	20.4	14.0									36.6	6.1
WNW	1.1	3.7	1.5									18.3	5.2
NW	1.1	1.1										2.2	4.5
NNW													
VARBL													
CALM												3.2	
	4.2	53.8	33.3	1.1								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/140

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PYRINSTER AB K/CA P 100PHR15 77 YEARS MONTH 100-600 HOURS (LST)

STATION NAME CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		1.1	3.2									4.3	7.3
ENE		2.2										2.2	4.5
E		4.3	1.1									5.4	4.4
ESE		1.1										1.1	1.1
SE													
SSE													
S													
SSW		1.1										1.1	4.1
SW	2.2	4.3	1.1									7.5	4.4
WSW	4.3	0.6	1.1									13.4	3.7
W	3.3	3.4		1.1								11.8	4.2
WNW	3.2	3.2										6.5	3.5
NW	2.2	1.1										3.2	3.1
NNW													
VARBL													
CALM												37.6	
	22.0	32.3	6.2	1.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING  
 STATION NAME  
 AIR FORCE SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION NAME YEARS: 1970-1977 MONTH: ALL  
 CLASS: ALL HOURS: ALL  
 CONDITION: ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1	.1	.1							1.6	1.6
NNE	.1	.1	.1	.1	.1							1.6	1.6
NE	.1	1.6	.1	.1	.1							2.6	2.6
ENE	1.1	1.6	.1	.1	.1							3.8	3.8
E	2.2	1.6	2.4	.1	.1							7.1	7.1
ESE	1.1	2.1	.1	.1								4.2	4.2
SE	.1	2.1	1.1	.1								4.1	4.1
SSE	.1	.9	.1	.1								2.4	2.4
S	.1	1.3	1.1	.1	.1							3.1	3.1
SSW	.1	.6	.1	.1	.1							2.1	2.1
SW	.1	1.8	1.7	.1	.1	.1						5.0	5.0
WSW	.1	2.4	2.4	1.1	.1	.1						6.8	6.8
W	1.1	2.7	6.2	1.6	.6	.1						16.0	16.0
WNW	.1	2.9	3.0	1.4	.2	.1						7.1	7.1
NW	.1	2.0	1.3	.1								4.5	4.5
NNW	.1	1.0	.1	.1								2.2	2.2
VARBL	.1	.3	.1	.1								.8	.8
CALM												20.8	20.8
	13.4	31.6	24.4	7.6	1.6	.1						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 3555

WATER RESOURCES DIVISION  
 FLOOD SAFETY  
 WATER RESOURCES SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4321 STATION NAME PONTIAC, MI / CAHILL POND YEARS 1961-1962 MONTH JUNE-JULY  
 CLASS 1000-1000 HOURS (LST)  
 CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.1									2.2	1.1
NNE													
NE													
ENE	2.2	3.3										5.5	2.2
E													
ESE	2.2											2.2	2.2
SE		3.3										3.3	3.3
SSE	1.1											1.1	1.1
S													
SSW	1.1	1.1										2.2	3.3
SW	2.2	4.4	2.2									8.8	2.2
WSW	3.3	2.2	1.1									6.7	3.3
W	3.3	4.4	2.2									10.0	4.4
WNW													
NW	1.1		1.1									2.2	3.3
NNW													
VARBL													
CALM												55.6	
	10.0	20.0	7.0									100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING CENTER  
ETAC/MSAF  
AIR CARRIER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4321 STATION NAME PANGLOSS AFB / CORPUS CHRISTI, TEXAS YEARS 1971 MONTH 10 HOURS (L.S.T.) 1000  
CLASS ALL WINDS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1.1	1.1										2.4	
NE		.5										.9	1.0
ENE	2.3	1.7		.5								4.5	4.5
E	7.4	5.7		.5								13.5	4.0
ESE	2.1	4.0	1.1									11.2	4.0
SE	6.3	.5										6.7	2.7
SSE	1.7	1.1										2.8	2.1
S	1.1	1.1										2.3	4.3
SSW		.5										.6	4.0
SW		7.8										7.8	4.2
WSW	1.1	1.1		.5								2.8	4.5
W	.5	1.7										2.3	4.3
WNW		.5	.5									1.7	4.0
NW			.5									.6	4.0
NNW			.5									.6	7.0
ABBL													
TOTAL	22.1	5.1	1.1									46.6	
												100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 175

DATA PROCESSED BY AFM  
ETAC/S&T  
AIR WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521 PENNSYLVANIA / COLLEGE PARK 1-70, 71-77

STATION STATION NAME YEARS MONTH

CLASS

CONDITION

600 - 00

HOURLS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0									1.0	4.0
NNE	.0	.0	.0									1.0	4.0
NE	1.1	1.2	.0	.0								2.0	4.0
ENE	1.0	2.0	1.0	.0								3.0	4.0
E	2.0	2.9	.0	.0	.0	.0						14.0	4.0
ESE	1.0	4.1	.0	.0								7.7	4.0
SE	.0	1.0	1.0									3.2	4.0
SSE	.0	2.0	.0									3.6	4.0
S	.0	1.7	.0	.0								3.2	4.0
SSW	.0	.9	.0	.0								2.0	4.0
SW	.0	1.0	.0	.0	.0							2.7	4.0
WSW	.0	1.1	.0									1.8	4.0
W	1.7	3.0	.0	.0								5.6	4.0
WNW	.0	.9	.0									2.1	4.0
NW	.0	.0	.0		.0							1.7	4.0
NNW	.0	.0	.0									1.5	4.0
VARBL	.0	.0										.3	4.0
CALM												19.4	
	18.3	22.7	4.1	2.3	.0	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 600

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

4321	STATION	STATION NAME	YEARS	DATE	MONTH	HOURS (L & T)
				1-18-75-77		0900-1100
		CLASS				
		CONDITION				

[illegible]

TOTAL NUMBER OF OBSERVATIONS 714

DATA PROCESSING FACILITY  
 AFM/AFS-4  
 AIR FORCE RESEARCH SERVICE/AFM

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 4521 STATION NAME PANGLOSS / CA. PHILIPPINES YEARS 1-70, 75-77 MONTH NORTH HOURS 1200-1400

CLASS ALL AT TIMES

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	2.3	0.0									3.3	4.0
NNE	0.0	0.0										1.1	4.0
NE	0.0	2.1	0.0	0.0								2.6	6.0
ENE	0.0	0.0	1.0	0.0								3.3	7.0
E	0.0	3.7	2.3	0.0	0.2		0.0					7.4	7.1
ESE	0.0	1.2	0.0	0.0			0.3					3.3	0.0
SE	0.0	1.5	2.0	0.0								5.1	7.7
SSE	0.0	1.2	0.5									2.0	4.0
S	0.0	1.5	0.0	0.0								3.6	5.7
SSW	0.0	0.0	0.5	0.0	0.2							2.1	7.5
SW	0.0	2.3	1.4	0.0	0.3	0.0						5.1	0.3
WSW	1.0	4.1	3.0	0.0								10.1	6.5
W	2.0	10.7	7.0	1.1								21.3	5.4
WNW	1.0	4.8	2.0	0.0								10.0	6.2
NW	0.2	3.0	1.0	0.0								4.8	6.1
NNW	0.0	1.5	0.5									2.6	4.0
VARBL		0.5										0.5	4.4
CALM												11.6	
	12.0	43.0	25.0	6.4	0.0	0.0	0.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 661



DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521 STATION 4521 PYONGTAEK AIRCRAFT/CA P 1000000 1, 77  
STATION NAME YEARS  
CLASS  
CONDITION  
MONTH  
1990-2000  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.1	1.1									4.4	5.0
NNE	1.1	1.1										2.2	5.0
NE	1.1											1.1	5.0
ENE													
E													
ESE													
SE	1.1	1.1	1.1									3.3	5.0
SSE													
S	1.1	1.1										2.2	5.0
SSW	1.1	2.2	2.2									5.5	5.0
SW	1.1	1.1	2.2									4.4	5.0
WSW	2.2	3.3	3.3									8.8	5.0
W	3.3	22.0	10.0									41.8	5.0
WNW	3.3	3.8	5.5									17.6	5.0
NW		2.2										2.2	5.0
NNW			1.1									1.1	10.0
VARBL													
CALM												5.5	
	17.0	44.0	33.0									100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 91

DATA PR. C. S. I. 3 - 4 - 50  
 FTAGZUSAF  
 AIR CARRIER SERVICE/ 40

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321- STATION 4321- STATION NAME 4321- YEARS MONTH 2107-2107 HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3		2.2									5.6	4.0
NNE													
NE	1.1											1.1	4.0
ENE													
E	1.1											1.1	2.0
ESE													
SE													
SSE	1.1		1.1									2.2	4.0
S	2.2											2.2	2.5
SSW	2.2	1.1										3.3	4.0
SW	3.3	3.3	2.2									11.1	4.3
WSW	3.3	4.4										13.3	3.2
W	15.0	10.0	1.1									26.7	3.0
WNW	3.3											3.3	2.0
NW	1.1											1.1	3.0
NNW	1.1											1.1	2.0
VARBL													
CALM												27.8	
	40.1	18.9	0.7									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/FAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 40215 STATION NAME PLYMOUTH AB K/CAMP LEONPHILS YEARS 76-77 MONTH JUL  
 CLASS ALL HOURS (LST) ALL  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	.3									2.4	4.4
NNE	.7	.6	.4	.1								1.6	4.3
NE	.7	1.2	.4	.2								2.5	5.2
ENE	.0	1.6	1.2	.3	.1							4.1	6.7
E	2.1	4.0	1.3	.4	.2	.0	.0					3.5	5.5
ESE	1.3	2.1	.0	.3	.1	.0	.1					4.7	6.2
SE	1.0	1.7	1.4	.4								4.4	6.4
SSE	.0	1.6	.3	.1								3.0	5.4
S	.7	1.3	.4	.2								2.9	5.5
SSW	.4	1.0	.0	.1	.1							2.2	6.3
SW	.3	2.4	1.0	.4	.2	.0						4.8	6.0
WSW	1.1	2.3	2.3	.3	.0	.0						6.6	6.8
W	1.3	3.0	3.1	.0	.0	.0						15.8	6.4
WNW	1.3	3.2	2.0	.3	.1							4.2	7.0
NW	.0	1.0	1.1	.4	.0							3.9	6.5
NNW	.3	1.0	.4	.3								2.0	5.0
VARBL	.1	.2										.3	3.8
CALM												22.0	
	13.4	35.9	20.2	5.3	.8	.2	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3101

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR LATER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 45210 STATION NAME PROBATIONER W. W. C. - F. W. P. 110 YEARS 77 MONTH 01  
 CLASS ALL WIND HOURS (L S T) 0000-0200  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	1.1											1.1	3.0
E													
ESE													
SE	1.1											1.1	2.0
SSE													
S													
SSW			1.1									1.1	3.0
SW	1.1	2.2	1.1									4.3	5.4
WSW	2.2	4.3	1.1									10.8	3.7
W	1.1	2.2	1.1									4.3	4.0
WNW													
NW													
NNW													
VARBL													
CALM												77.4	
	9.7	8.6	4.3									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4324 PYLADIAK AFB/CORP COMPHB 15 07-07-77  
 STATION STATION NAME YEARS  
 ALL WINDS  
 CLASS  
 CONDITION  
 NORTH  
 7300-5000  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.4										1.2	3.3
NNE	.4											.4	1.0
NE	1.7		.0									2.5	4.5
ENE	1.7	1.2	.4									3.3	4.5
E	7.8	3.3	2.1									12.4	1.9
ESE	.4	.4										.8	2.5
SE		2.5										2.5	4.5
SSE	3.3	1.7										5.0	3.2
S		4.1	1.2	.4								5.8	4.3
SSW	.4	1.7	2.1	.0								5.0	7.3
SW	.0	1.2	2.1	1.2	.4							5.8	6.3
WSW	1.2	2.1	2.1	.4								5.8	6.4
W	1.2	1.2	1.7									4.1	5.5
WNW	.4											.4	2.0
NW													
NNW	.0											.8	2.0
VARBL													
CALM												44.2	
	20.2	19.8	12.4	2.5	.4							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 242



DATA PROCESSING TEAM  
 FIAC/LSH  
 AIR QUALITY SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0521 STATION NAME RAILROAD ABN K1/C4 P. 1000-1010 YEARS 70, 73-77 MONTH JUL 1900-1100 HOURS (L.S.T.)

CLASS ALL WINDS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.1									1.1	1.0
NNE	.7	.6	.7	.7								1.7	1.0
NE	.7	1.0	1.0	.7								4.7	7.7
ENE	1.0	2.5	1.7	1.2								5.0	7.1
E	1.0	4.5	4.5	.0								11.3	7.9
ESE	1.0	1.0	1.4	.5	.1							4.7	7.7
SE	1.4	3.9	2.3	.0								7.5	7.0
SSE	1.0	2.2	2.1	.0								5.0	7.0
S	2.1	2.9	3.0	.7								7.6	7.0
SSW	.4	2.7	3.5	.0								6.0	7.4
SW	.0	2.7	2.0	1.0	.1							6.4	7.5
WSW	.7	2.6	2.1	.5								6.3	7.3
W	1.0	3.7	.7	.0	.1							6.3	5.9
WNW	.0	.7	.4	.0								1.6	5.4
NW	.0	.6	.4	.0								1.5	5.5
NNW	.4	.4	.0	.1								1.4	5.2
VARBL	.1	.1										.2	4.0
CALM												16.3	
	14.2	34.4	20.5	7.7	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 114

DATA PROCESSING  
 ETACUSSE  
 AIR TAILOR SERVIZIO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION NAME STATION NAME YEARS MONTH  
 1200-1200  
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	0.9	0.7	0.5								2.5	0.0
NNE	0.0	0.0	0.1	0.1								1.4	0.0
NE	0.1	1.0	0.0	0.0								2.0	0.0
ENE	0.0	2.0	1.0	0.0								3.0	1.0
E	1.0	3.4	3.1	1.0								7.5	1.0
ESE	0.3	1.7	1.0	0.0	0.3							3.3	1.0
SE	0.0	3.4	1.0	0.0	0.0							5.8	1.0
SSE	0.0	1.0	0.0	0.0	0.0							2.7	1.0
S	0.0	1.0	1.7	0.0	0.3							3.0	1.0
SSW	0.0	2.1	1.0	0.0	0.0							3.1	1.0
SW	0.0	4.1	3.1	2.0	0.4	0.0						11.6	1.0
WSW	0.0	3.0	4.0	4.1	0.5	0.0						17.6	0.5
W	1.0	2.0	2.0	0.0	0.0							11.4	0.2
WNW	0.0	2.0	1.0	0.0	0.0							4.5	0.0
NW	0.0	4.0	0.0	0.0	0.0							3.4	0.7
NNW	0.0	0.0	0.0	0.0	0.0							2.1	0.0
VARBL	0.0	0.1	0.0	0.0	0.0							0.6	0.0
CALM												11.4	
	11.0	37.0	20.2	11.0	1.4	0.0						100.0	0.3

TOTAL NUMBER OF OBSERVATIONS 77

WIND RECORDING STATION  
 100/0547  
 AIR FLIGHT SERVICE UNIT

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4521 DATE 10/1/77 STATION NAME 100/0547 CLASS 100/0547  
 MONTH 10 HOURS 10  
 YEARS 77-77  
 CONDITION

SPEED KNTS D.R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.1	1.2	0.7	0	0.1							2.0	7.0
NNE	0.3	0.3	0.3	0								0.9	7.0
NE	0.3	1.1	1.6	0								2.0	7.0
ENE	0.4	1.4	1.5	0								2.0	7.0
E	0.3	3.1	1.6	1.0								5.0	7.0
ESE	0.2	2.2	1.0	0.1								2.9	7.0
SE	0.2	1.0	1.0	0	0.1							2.4	7.0
SSE	0.1	0.2	1.1									1.2	7.0
S	0.1	1.2	1.0	0	0.3							2.6	7.0
SSW	0.2	1.9	2.7	1.0								5.8	7.0
SW		1.9	2.1	3.0	0.4							7.0	7.0
WSW	0.1	1.0	4.0	3.0	0.7							10.8	7.0
W	1.0	5.7	6.0	1.0	0.5							17.5	7.1
WNW	0.1	2.7	4.0	0								6.8	7.4
NW	0.1	7.9	2.1	0								8.1	7.1
NNW		0.0	0.1	0.1								0.4	7.0
VARBL		0.2	0.2									0.4	7.0
CALM												0.3	7.0
	0.4	24.7	30.1	14.3	2.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 73

AD-A088 955

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2  
PYONGTAEK AB, CAMP HUMPHRIES, KOREA. REVISED UNIFORM SUMMARY OF--ETC(U)  
OCT 78

UNCLASSIFIED

USAFETAC/DS-80/081

NL

2-1



DATA PROCESSING DATA ON  
 HYAL/USAF  
 AIR WEATHER SENSOR/NO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

43210 PYRENEAN MOUNTAINS 1977 JUL  
 STATION STATION NAME YEARS MONTH  
 CLASS 1000-2000  
 HOURS (L.B.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.0	2.0
NNE													
NE													
ENE		2.1										2.1	4.0
E	1.0	1.0										2.1	3.0
ESE	2.1	1.0										3.1	3.4
SE	2.1											2.1	2.5
SSE	3.1	1.0										4.1	2.5
S		2.1										2.1	4.0
SSW	1.0											1.0	3.0
SW		5.2	3.1	1.0								9.3	7.0
WSW	3.1	0.2	1.0			1.0						11.3	6.2
W	5.2	0.2	4.1									17.5	5.2
WNW	0.2	10.3	2.1									13.6	4.8
NW	1.0											1.0	2.0
NNW		1.0										1.0	4.0
VARBL			2.1									2.1	8.0
CALM												21.6	
	25.0	38.1	12.4	1.0		1.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 97

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 PYONGTAEK AB K/CA P HANPHRUS 77  
STATION STATION NAME YEARS  
ALL OF THE CLASS  
CONDITION  
JUL  
MONTH  
2100-2400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	2.2											2.2	2.0
ENE													
E	3.2	1.1										4.3	2.5
ESE													
SE		1.1										1.1	4.0
SSE	2.2											2.2	2.0
S	2.2											2.2	2.0
SSW	3.2	1.1										4.3	2.3
SW	4.3	1.1										5.4	2.6
WSW	7.5	4.3										11.8	3.3
W	6.5	3.2										9.7	2.9
WNW	1.1	1.1										2.2	3.0
NW													
NNW													
VARBL													
CALM												54.8	
	22.3	12.9										100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43210 STATION PYONGTAEK AB K 1/CAMP HUMPHRIES 60-70, 73-77  
STATION NAME YEARS  
ALL AT TIMES CLASS  
CONDITION  
JUL MONTH  
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.0	.2	.1	.0							1.4	5.2
NNE	.4	.6	.3	.1								1.4	5.7
NE	.7	1.2	.9	.3								3.2	6.3
ENE	.6	2.1	1.3	.6								4.8	6.5
E	1.2	3.6	2.7	1.0								9.4	6.4
ESE	.7	1.9	1.1	.2	.1							4.1	6.2
SE	1.0	3.0	1.4	.2	.0							5.7	5.8
SSE	1.0	1.8	1.1	.2								4.0	5.5
S	.7	2.3	2.0	.6	.1							6.0	6.9
SSW	.6	1.9	2.2	.6								5.4	7.3
SW	.6	2.5	2.4	1.9	.2							7.6	8.8
WSW	1.1	2.2	2.7	1.4	.3							7.7	8.0
W	1.5	4.5	2.5	.4	.2							9.1	6.3
WNW	.6	1.6	1.5	.2								3.9	6.2
NW	.3	1.2	.9	.1								2.6	6.4
NNW	.4	.5	.3	.1								1.2	5.2
VARBL	.2	.2	.1									.5	4.9
CALM												22.0	
	13.3	31.8	23.7	8.2	.9	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3618

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321

PYONGTAEK AB KJ/CAMP HUMPHRIES

7-76-77

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-2400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.9	.9										1.9	3.5
NE	1.9	6.5	.9		.9							10.2	6.1
ENE	3.7	8.3	.9									13.0	4.4
E	6.5	2.8		.9	.9							11.1	5.3
ESE													
SE	.9											.9	2.0
SSE													
S		1.9										1.9	5.0
SSW													
SW		.9										.9	5.0
WSW	2.8											2.8	2.3
W	1.9											1.9	3.0
WNW	.9											.9	2.0
NW													
NNW													
VARBL													
CALM												54.6	
	19.4	21.3	1.9	.9	1.9							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 108

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321  
STATION

PSYCHOLOGICAL ABN/CAMP HONOLULU  
STATION NAME

66-67, 70, 76-77  
YEARS

AUG  
MONTH

ALL AFT. TIME  
CLASS

7300-0400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	2.0
NNE	.4	.4										.8	4.0
NE	1.7	3.4	.4									5.5	4.2
ENE	3.0	2.5		.4	.4							6.8	5.8
E	4.2	5.5	3.0									12.7	4.9
ESE	2.1		.4									2.5	3.2
SE	.4	1.7										2.5	4.0
SSE	1.3	2.1	.4									3.8	4.1
S	1.3	2.1	1.3									4.6	5.2
SSW	.4											.4	2.0
SW		.4										.4	6.0
WSW	.4	.4			.4							1.3	4.1
W	1.3	.4										1.7	2.3
WNW	.4	.8										1.3	3.7
NW		.4										.4	4.0
NNW	.4											.4	2.0
VARBL													
CALM												34.4	
	18.1	20.3	5.5	.4	.8							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

237

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321- STATION PYONGTAEK AB K/CAMP HUMPHRIES 66-70, 75-77 YEARS  
ALL W. TIME CLASS MONTH 0500-0700 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.1	.1								1.0	5.0
NNE	.3	.5		.1								1.1	4.4
NE	1.0	2.3	1.1	.1								5.0	5.2
ENE	1.3	3.1	1.0	.4								6.0	5.0
E	1.7	4.5	3.0	.3	.1							10.8	5.4
ESE	.3	2.9	.3	.1								4.0	5.1
SE	1.2	3.3	.6									5.0	5.1
SSE	1.3	4.0	1.3									7.0	5.1
S	1.3	2.0	1.4	.3								4.9	5.0
SSW	.4	1.1	.6	.1								2.4	5.3
SW	.3	.9	.7	.4								2.5	7.2
WSW	.3	1.3	.0			.1						2.6	6.4
W	.3	1.3	.1									1.8	4.5
WNW	.1	.6		.1								.9	5.3
NW	.1	.3	.1									.5	4.5
NNW	.1	.0										.8	4.5
VARBL	.1											.1	2.0
CALM												42.9	
	12.2	28.9	13.1	2.3	.1	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 799

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321- STATION PYONGTAEK AB K/P/CAMP HUIPHRIS 66-70, 73-77 YEARS MONTH 0900-1100 HOURS (L.S.T.)

CLASS ALL WINDS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.2	.1						.1		1.9	4.6
NNE	.0	1.9	.6		.1							3.3	5.4
NE	1.3	2.7	1.2	.1								5.3	5.4
ENE	1.0	3.7	2.2	.6								7.7	6.2
E	1.0	4.7	4.1	1.1	.2							11.7	7.0
ESE	.0	2.7	1.0	.2								4.7	5.7
SE	.0	3.3	1.0	.2	.1							6.0	6.2
SSE	.0	2.1	1.0									4.5	6.3
S	.7	3.4	2.7	.5	.1							7.4	6.6
SSW	.0	2.1	2.5	.2	.1							5.5	7.0
SW	.5	2.1	1.7	1.0	.1							5.3	6.2
WSW	.2	2.3	1.1	.2								4.1	6.3
W	1.1	3.6	1.4	.2	.1		.1					6.6	6.6
WNW	.7	1.4	.6	.1								3.1	5.5
NW	.2	.7	.4	.1	.1							1.6	6.7
NNW	.2	.2										.5	3.3
VARBL	.5	.1	.5									1.2	4.5
CALM												19.5	
	12.2	38.1	23.8	5.1	1.1		.1			.1		100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 829

2.

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

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**NORTH**

1200-1400

HOURS (L.S.Y.)

**TOTAL NUMBER OF OBSERVATIONS**

772

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43214 STATION PYONGTAEK AIR CAMP HUPHREHS 70-75-77  
STATION NAME YEARS  
CLASS  
CONDITION  
MONTH 1000-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.0	.4									2.5	4.4
NNE	.0	1.4	1.0									2.6	5.7
NE	.3	3.1	1.8	.5								5.5	6.6
ENE	.1	2.1	1.4	1.3								4.9	8.2
E	.4	3.5	2.0	.7								7.2	7.6
ESE	.1	.3	1.0	.1								1.5	7.5
SE	.0	1.4	2.1	.4								4.5	7.1
SSE	.3	1.0	.6	.1								2.2	7.0
S		.4	1.5	.6								2.5	6.2
SSW	.1	.8	2.4	.3								3.6	8.1
SW		1.8	2.4	1.5	.1							5.0	9.2
WSW	.1	2.7	3.6	2.0								8.6	8.9
W	1.5	7.7	7.0	1.1								17.4	6.9
WNW	1.3	4.3	4.2	1.8								11.6	7.5
NW	1.0	2.8	1.7	.4								5.9	6.2
NNW	.1	1.4	.7	.1								2.4	6.1
VARBL		.3	.3									.6	7.0
CALM												13.2	
	6.7	37.0	35.3	10.5	.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 713

DATA PROCESSING CENTER  
ETAC/USAF  
AIR LAUNCH SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43224 STATION NAME: PLYMOUTH ROCK/CAPE HAMPDEN, 1977 YEARS: 1977 MONTH: 1000-2000 HOURS (LST):

CLASS: ALL WINDS

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.3	1.0										4.0	3.4
NE	1.0	4.7	2.3									4.5	5.1
ENE	2.3	5.4	0.0									5.5	4.7
E	4.7	0.0										5.4	3.0
ESE	2.3	0.0	0.0									3.0	4.0
SE		1.0										1.6	5.4
SSE			0.0									0.8	10.0
S			0.0	1.0								2.3	11.3
SSW			1.0									1.6	5.0
SW	0.0	2.3	2.3	0.0								5.2	7.9
WSW	2.3	7.0	2.3									14.7	4.0
W	3.1	6.2	3.1									12.4	5.5
WNW	2.3	1.0										7.0	3.3
NW				0.0								0.8	12.0
NNW	0.0		0.0									1.6	5.5
VARBL			0.0									0.8	5.0
CALM												20.2	
	20.7	31.8	16.3	3.1								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 129

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4521 STATION Prattville, Ala. / Civil Air Station YEARS 75-76-77 MONTH ALL  
 CLASS ALL  
 CONDITION ALL  
 HOURS (LST) 2100-2400

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0										1.0	1.0
NNE	1.0											2.7	4.0
NE		3.0		1.0								4.0	6.0
ENE	1.0	1.2										11.7	6.0
E	3.0	3.0										9.0	6.0
ESE		.9										.9	4.0
SE		.9										.9	4.0
SSE	.1											.2	2.0
S	1.0	.9										2.7	3.0
SSW	1.0			.1								2.7	4.0
SW	.1	1.0										2.7	2.0
WSW	.1	.9										3.6	3.0
W	.1											.9	2.0
WNW													
NW													
NNW													
VARBL													
CALM												53.7	
	21.0	21.0	.1	2.7								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 111

DATA FROM SURFACE WIND  
 STATION NAME  
 AIR FORCE SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4021      PLYMOUTH AIR FORCE BASE      -70, 70-17

STATION      STATION NAME      YEARS

ALL      NORTH

ALL      HOURS (L & Y.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.2	.0	.1						.0		1.2	1.2
NNE	.1	1.3	.0	.1	.0							2.5	1.2
NE	1.0	2.0	1.2	.0	.0							4.3	1.7
ENE	1.1	3.1	1.0	.0	.0							5.5	1.9
E	1.7	4.1	3.4	.0	.1							10.1	2.7
ESE	.1	1.0	.0	.0	.0							1.4	1.1
SE	.1	2.4	1.1	.0	.0							4.5	1.1
SSE	.1	1.0	1.0	.1								4.6	1.1
S	.0	2.1	1.0	.0	.0							4.8	1.7
SSW	.0	1.3	1.7	.0	.0							3.7	2.0
SW	.0	1.7	1.7	.0	.1							4.6	1.1
WSW	.0	2.2	1.7	.0	.1	.1						5.7	2.4
W	1.2	4.1	2.0	.4	.1		.0					8.6	2.0
WNW	.0	1.8	1.0	.0	.0							4.5	1.7
NW	.0	1.2	.0	.0	.0							2.5	1.0
NNW	.0	.0	.0	.1								1.2	1.0
VARBL	.0	.0	.0	.0								.8	1.7
CALM												20.0	
	11.2	33.0	21.9	5.0	.0	.1	.0			.0		100.0	4.8

TOTAL NUMBER OF OBSERVATIONS      3428

DATA PROCESSING SECTION  
 AFAC/USAF  
 AIRCRAFT SERVICE/NO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4321 STATION NAME: POINT BARBERS / C. F. (P. 1) 5 YEARS: 7 SECT: SEE  
 STATION NORTH  
 CLASS: ALL  
 CONDITION:   
 HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	3.3	1.1										4.4	1.1
NE	1.1	1.1	1.1									3.3	1.1
ENE	1.1	3.3	2.2									5.7	1.1
E	3.3	1.1										4.4	1.1
ESE	1.1	1.1										2.2	1.1
SE	1.1	1.1										2.2	1.1
SSE	2.2											2.2	2.2
S													
SSW													
SW	1.1	1.1										2.2	1.1
WSW	2.2	1.1										3.3	2.2
W	1.1											1.1	2.2
WNW	1.1											1.1	3.3
NW													
NNW													
VARBL													
CALM												66.7	
	13.3	11.1	3.3									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4321 STATION PRINCEGECK AIRCAMP HAWAIIAN ISLANDS YEARS 67, 70, 77  
 CLASS ALL WINDS  
 CONDITION  
 SECT NORTH  
 0300-0500  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.5									1.0	6.0
NNE	1.0	.5										1.5	3.3
NE	.5	2.0										2.5	4.0
ENE	4.0	1.0	1.5									6.5	4.5
E	4.0	4.0	4.0	.5								12.4	5.5
ESE	1.0	.5	.5									2.0	4.0
SE	2.0		1.0									3.0	4.2
SSE	.5											.5	4.0
S	1.0											1.5	2.0
SSW	.5	.5										1.0	3.0
SW													
WSW													
W													
WNW	.5											.5	3.0
NW	.5	.5										1.0	3.5
NNW	1.0	.5										1.5	3.0
VARBL													
CALM												65.2	
	10.4	10.0	7.5	.5								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 201

DATA PROCESSING FACILITY  
 ETAC/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43214 STATION NAME: PENTAGON AFB/KCAMP HUMPHRIES YEARS: 70-73-77 MONTH: SEP  
 CLASS: ALL WIND CONDITION: 0600-1800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.4									1.6	4.9
NNE	1.3	1.5	.5									3.1	4.9
NE	.7	1.5	.4	.4								2.9	5.7
ENE	2.5	3.6	2.4	.4								9.4	5.8
E	3.0	3.0	3.6	.4								17.6	5.1
ESE	1.3	2.3	.4	.3								4.3	4.7
SE	.4	1.6	.7	.1								2.8	5.7
SSE	.5	1.1	.4									1.7	5.7
S	.4	.5	.5									1.7	5.7
SSW	.3	.3	.1									.7	5.7
SW		.4	.1									.5	6.6
WSW	.1	.5	.4									1.1	6.4
W	.3			.3								.5	7.3
WNW		.3	.4									.7	7.6
NW	.4	.3	.3									.9	4.4
NNW	.3	.5	.4									1.2	4.9
VARBL	.1											.1	2.0
CALM												57.2	
	14.1	23.0	10.8	1.9								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 751

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321- STATION 4321- PYRROCK AB K/CA P HEMPHRIS 66-70, 75-77  
STATION NAME CLASS CONDITION MONTH 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.0	.1								3.0	5.3
NNE	.0	1.0	.0		.1							2.7	5.2
NE	1.0	3.1	1.0	.0								5.2	6.1
ENE	1.0	4.2	4.0	1.0								10.0	7.3
E	3.3	6.0	6.0	1.0								17.3	6.8
ESE	.0	2.2	.0	.0								4.0	5.7
SE	1.0	2.7	.0	.0								5.1	5.6
SSE	.0	1.3	1.0									2.7	5.0
S	.0	1.3	1.0	.0								3.0	6.4
SSW		.9	.0	.1								1.4	6.9
SW	.0	1.3	1.0	.0								2.8	6.9
WSW	.0	1.3	.0									1.9	5.1
W	.0	1.0	1.0									2.7	6.3
WNW	.1	.0	.0	.1								1.2	7.1
NW	1.0	.9	.0	.1								2.6	5.0
NNW	.1	.0	1.0									1.7	7.3
VARBL	.1		.0									.4	7.0
CALM												30.4	
	12.0	30.1	22.4	5.0	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 777

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION NAME PYREOTAK AB R/CAMP PHILPHITS YEARS 66-70, 73-77 SEP MONTH 1200-1400 HOURS (L.S.T.)

ALL WINDS CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	.7									4.0	4.0
NNE	1.0	1.5	.0									3.1	5.0
NE	.4	2.5	1.9	.4								5.3	6.0
ENE	1.0	2.5	3.6	1.0								9.1	7.0
E	1.0	3.1	4.9	2.2								11.1	5.1
ESE	1.1	2.1	.0	.4	.1							4.3	5.0
SE	.5	2.1	1.4									4.0	5.0
SSE	.4	1.8	.6									2.0	5.1
S	.5	1.1	.5									1.0	4.2
SSW	.0	1.4	.1									2.1	4.4
SW	.3	1.4	1.3	.0								3.8	7.7
WSW	.3	2.4	1.4		.1							4.2	6.7
W	.3	4.0	2.6	.7	.1	.1						7.0	7.4
WNW	.1	2.2	2.1	.3	.1	.1						4.7	7.0
NW	.1	1.5	1.8	.5	.1	.1						4.6	1.9
NNW	.4	2.1	1.0									3.5	5.4
VARBL	.1	.1	.1									.4	5.0
CALM												22.3	
	9.6	34.7	24.9	7.7	.6	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 718

DATA PROCESSING CENTER  
 FTAL/USAF  
 AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4321 STATION NAME PLYMOUTH ABN / CAMP HUMPHRIES YEARS 66-70, 73-77 SE  
STATION NORTH CLASS ALL SE TH MEAN WIND SPEED 1500-1700  
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	.0	.0								4.4	5.2
NNE	.0	2.2	.0	.0								3.7	5.1
NE	.0	2.2	1.3	.0								4.8	7.1
ENE	.0	2.4	4.0	1.4								8.4	7.0
E	.0	3.2	2.1	1.0								7.5	7.5
ESE	.0	2.1	1.0									3.5	5.7
SE	.0	1.6	.0	.0								2.9	5.7
SSE		.0	.0									1.1	6.7
S	.0	1.1	.2									1.7	4.2
SSW	.2	.3	.0	.0								1.1	6.7
SW	.2	1.4	1.1	.0								3.2	7.5
WSW	.2	2.9	1.7	.0								5.1	5.8
W	1.1	7.5	4.9	.0	.2	.0						14.3	6.7
WNW	1.1	4.0	2.1	.0								7.8	6.0
NW	1.1	2.4	2.1	1.0	.2	.2						7.9	7.0
NNW	.0	1.6	.0	.2	.2							3.5	6.0
VARBL	.2	.6	.3									1.1	6.3
CALM												18.1	
	10.0	38.7	24.0	7.0	.2	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 630

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION NAME: PONTIAC AFB / CAMP HUMPHREYS, 77 YEARS: SEP MONTH: 1800-2100 HOURS (L.S.T.)

CLASS: ALL DATA

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0										2.0	5.0
NNE		2.0	1.0									3.0	6.0
NE	2.0	2.0	1.0									5.0	4.4
ENE		3.0	2.0									6.0	5.5
E	3.0	2.0										5.0	5.0
ESE													
SE		1.0										1.0	4.0
SSE			1.0									1.0	4.0
S	2.0	1.0										3.0	3.3
SSW		2.0										2.0	5.0
SW		2.0										2.0	5.5
WSW	2.0	1.0	1.0									4.0	4.5
W	3.0	0.9	2.0									17.8	3.9
WNW	1.0	1.0		1.0								5.0	4.0
NW	1.0	3.0	1.0									5.0	4.6
NNW	3.0	2.0										5.0	3.0
VARBL													
CALM												32.7	
	24.3	32.7	8.9	1.0								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 101

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AF

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

45214 STATION 45214 PYRROGIAK AB K/CA/P HOPPIES 77 YEARS 01 SEP NORTH 2100-2300 HOURS (L.S.T.)

CLASS ALL ATTN

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1										1.1	4.0
NNE	1.1	1.1										2.2	2.0
NE	2.2	2.0										4.2	4.7
ENE	1.1	2.2	2.2									5.5	5.4
E	1.1	1.1										2.2	4.5
ESE		1.1										1.1	4.0
SE		1.1										1.1	4.0
SSE													
S	1.1											1.1	3.0
SSW	1.1	2.2										3.3	4.7
SW			1.1									1.1	7.0
WSW		3.3										3.3	4.7
W	2.2	1.1										3.3	3.0
WNW													
NW	1.1											1.1	3.0
NNW													
VARBL													
CALM												05.6	
	11.1	20.0	3.3									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PYONGTAEK AFB K / CAP P. REPUBLIC OF KOREA YEARS 76-77, 78-79

STATION NAME CLASS MONTH ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.2	.1								3.1	5.0
NNE	1.5	1.6	.3	.1	.0							3.0	4.7
NE	.7	2.4	1.2	.4								4.7	6.2
ENE	1.3	3.1	3.2	1.1								8.8	7.0
E	2.3	4.8	4.0	1.5								12.2	6.4
ESE	.2	1.9	.0	.2	.0							3.7	4.4
SE	.7	1.6	.0	.2								3.5	5.5
SSE	.3	1.0	.0									1.9	5.5
S	.0	1.0	.4	.1								2.0	5.0
SSW	.3	.8	.2	.1								1.3	5.4
SW	.2	1.0	.0	.1								2.3	7.2
WSW	.3	1.6	.3	.1	.0							2.8	6.2
W	.0	2.7	1.6	.3	.1	.1						5.8	6.5
WNW	.4	1.4	1.0	.2		.1						3.1	6.4
NW	.7	1.2	1.1	.4	.1	.1						3.5	7.1
NNW	.3	1.1	.7	.0	.0							2.3	5.6
VARBL	.1	.1	.1									.4	5.9
CALM												34.8	
	12.4	29.2	18.4	4.1	.2	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 3354

DATA PROCESSING RANGE  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION 4321 STATION NAME PLYMOUTH / CA P. M. P. M. S. YEARS 11 MONTH 01  
CLASS 41 L. T. HOURS (LST) 0005-1000  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1.1											1.1	1.1
NE	1.1											1.1	2.0
ENE		2.2										2.2	4.0
E													
ESE													
SE	1.1											1.1	2.0
SSE													
S				1.1								1.1	13.0
SSW													
SW		1.1										1.1	4.0
WSW	1.1											1.1	3.0
W													
WNW													
NW	2.2											2.2	2.5
NNW													
VARBL			2.2									2.2	10.0
CALM												07.1	
	0.2	3.2	2.2	1.1								100.0	0.0

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING SECTION  
 FIA/USAF  
 AIRCRAFT SERVICE/IC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321-1 PHILADELPHIA AIRPORT 1977 001  
 STATION STATION NAME YEARS MONTH  
ALL AT THE  
 CLASS  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0										1.0	4.0
NNE													
NE	1.0	.5										1.0	2.0
ENE	4.4	1.5	.5									6.3	3.2
E	5.0	4.9	5.3	.5								15.5	5.1
ESE	1.0	.5	1.0									2.9	4.0
SE													
SSE	.5	1.0										1.5	4.0
S	1.0											1.0	2.5
SSW		.5	1.0									1.5	6.3
SW		1.0										1.0	5.0
WSW		.5										.5	4.0
W		.5	.5									1.0	6.5
WNW	1.0											1.5	1.7
NW	.5			.5								1.0	5.0
NNW	.5	1.5		.5	.5							2.9	7.5
VARBL													
CALM												59.7	
	17.0	13.1	8.3	1.0	.5							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 206

DATA PROCESSING BRANCH  
 AIRCRAFT SAFETY  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION 4321 STATION NAME PANGLOSS AFB / GA PANGLOSS AFB YEARS 1970-73-77 MONTH OCT 1970-0-00 HOURS (LST) 0000-0000

CLASS ALL AT THE CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.9
NE	1.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.0
ENE	3.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	4.4
E	3.0	0.7	2.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	5.1
ESE	1.4	2.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.0
SE	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.7
SSE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.3
S	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.4
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.3
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.4
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.3
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.5
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	
	14.0	22.5	8.7	1.5	.8	.0	.0	.0	.0	.0	.0	100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 779

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION 4321 PIRATES CAMP / CAMP PIRATES 6-70, 75-77 YEARS NORTH 190-110 HOURS (LST)

STATION NAME CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.1	.1								2.5	5.5
NNE	.5	2.2	.1									3.0	5.5
NE	.1	2.0	.1									3.0	5.5
ENE	2.0	3.2	1.0	.5								7.4	5.5
E	3.0	7.9	3.5	1.0		.5						16.5	6.2
ESE	1.0	4.2	.1									6.3	5.5
SE	1.2	1.9	1.4									4.5	5.5
SSE	.7	1.0	.1									2.2	4.5
S	.5	.7	.2									1.6	4.1
SSW	.4	.5	.4									1.1	4.2
SW	.4	.1	.4	.1								1.1	5.5
WSW	.1	.4	.1	.1								2.6	5.5
W	.1	1.2	1.0	.1	.2							3.0	6.0
WNW	.2	1.5	1.7	.4	.1							4.0	7.0
NW	.4	2.4	1.5	.5	.7							5.6	5.0
NNW		1.4	.7	.1	.4							3.2	5.5
VARBL	.2	.2	.1									.6	4.0
CALM												29.5	
	15.0	32.7	16.2	4.0	1.5	.2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 407

DATA PROCESSING BRANCH  
HAC/USAF  
AIR WEATHER SERVICE/10

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9521      PINE BLUFF / CAMP      -70, 70-77      CT

STATION      STATION NAME      YEARS      MONTH

ALL      CLASS      120-140

CONDITION      HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	.5	.5								3.3	5.5
NNE	.7	1.5	.1	.1								2.4	5.9
NE	.4	1.3	1.3	.1								3.2	6.4
ENE	.7	1.3	1.9	.5								4.8	7.7
E	1.2	5.2	2.5	.5	.5							10.4	7.7
ESE	.5	2.7	.5	.1	.1							4.3	8.7
SE	.5	.9	1.4									2.8	8.7
SSE	.1	.7	.5									1.2	8.1
S	.7	.5	1.1									2.3	8.9
SSW	.1	.5	.3									1.2	8.4
SW	.2	1.7	.5									2.8	8.1
WSW	.2	1.6	1.7	.5								4.4	7.8
W	1.2	4.9	3.7	1.1	.4							11.5	7.4
WNW	.7	2.8	4.1	2.3	.3							10.1	8.4
NW	.7	2.9	2.3	2.5	.9							9.3	9.1
NNW	.1	1.7	.5	.3	.3	.5						3.5	8.4
VARBL	.3	.8		.1	.1							1.3	6.5
CALM												21.3	
	14.4	33.2	23.2	8.7	2.7	.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS      751

DATA PROCESSING BRANCH  
ETAG/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43215 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 56-76, 76-77

STATION NAME: AIR WEATHER SERVICE/MAC

STATION: 43215

CLASS: ALL

CONDITION:

MONTH: 1500-1700

HOURLS (L.S.T.): 1500-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.2	.0	.1								4.1	5.4
NNE	1.0	1.7	.1									2.9	3.9
NE	.0	.6	.0	.1								1.9	5.7
ENE	.0	1.6	1.0	.4								3.6	5.6
E	.0	2.9	2.0	.2	.1							6.6	7.1
ESE	.3	1.0	.0									1.9	5.7
SE	.1	2.2	.3	.3								2.9	6.2
SSE		.4	.3									.7	6.6
S	.1	1.0	.3									1.7	5.6
SSW	.1	.6	.4									1.2	6.5
SW	.0	.7	.6		.1							1.9	5.8
WSW		2.0	1.0	.4								4.1	6.8
W	1.0	9.2	6.1	2.0								19.4	7.0
WNW	1.0	4.8	7.1	2.3	.3							15.6	8.2
NW	.4	3.5	3.2	2.7	.6							10.6	9.2
NNW	1.2	1.6	1.2	.7		.1						4.8	7.0
VARBL	.0	.6										1.2	3.5
CALM												14.0	
	2.0	17.3	25.8	10.9	1.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 686

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

4321 STATION PYRENEAN AIR C/CA-P-1000 PER 177  
 STATION NAME STATION YEARS  
 ALL WIND CLASS  
 CONDITION  
 NORTH  
 1000-2000  
 HOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.0	2.0
NNE													
NE													
ENE	1.0											1.0	2.0
E	4.0	1.0										5.0	3.0
ESE		2.0	1.0									3.0	3.0
SE	1.0											1.0	2.0
SSE													
S													
SSW													
SW													
WSW	4.0											4.0	1.0
W	12.0	2.0	2.0									16.0	3.0
WNW	2.0	1.0	1.0									4.0	3.0
NW			2.0									2.0	3.0
NNW	2.0		1.0		1.0							4.0	7.0
VARBL													
CALM												45.1	
	40.2	5.9	7.0		1.0							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 102

DATA PROCESSING TRAINING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

45210 STATION NAME PLYMOUTH FIELD COAST GUARD STATION 17 YEARS OCT 2100-2300  
STATION MONTH HOURS (L S T)  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1.1	1.1										2.2	3.0
NE													
NNE	1.1											1.1	3.0
E	1.1											1.1	3.0
ESE													
SE		1.1										1.1	4.0
SSE	1.1	1.1										2.2	4.0
S													
SSW													
SW													
WSW													
W		1.1										1.1	4.0
WNW	2.2											2.2	1.5
NW	1.1											1.1	3.0
NNW													
VARBL													
CALM												38.2	
	7.2	4.3										100.0	.4

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION NAME PYRSTALK AFB K/CA P HONOLULU CLASS ALL A T MONTH ALL HOURS (LST) YEARS -70, 73-77

STATION CLASS MONTH HOURS (LST) YEARS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.5	.1								2.4	5.1
NNE	.7	1.4	.1	.								2.2	4.2
NE	.7	1.3	.7	.1								2.8	5.3
ENE	1.7	2.1	1.2	.	.0							5.5	5.7
E	2.5	3.7	2.7	.7	.1	.1						11.0	6.0
ESE	.5	2.3	.0	.	.0							4.0	5.2
SE	.7	1.5	.7	.1								2.0	5.4
SSE	.4	.6	.5									1.3	5.1
S	.2	.0	.4	.								1.5	5.1
SSW	.7	.4	.5									.9	5.5
SW	.3	.7	.4	.1	.0							1.5	6.1
WSW	.2	1.0	.3	.5								2.7	6.5
W	1.4	3.4	2.5	.6	.6							8.3	5.7
WNW	.7	2.0	2.0	1.1	.2							6.8	6.0
NW	.0	1.9	1.7	1.3	.5							5.0	7.0
NNW	.5	1.3	.6	.2	.2	.1						3.2	6.0
VARBL	.3	.3	.1	.5	.0							.8	5.3
CALM												35.3	
	13.3	28.0	16.4	5.5	1.4	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3517

14

DATA PROCESSING TWA/CN  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43214  
STATION

PRINCETON AD K/CM P. 1000105  
STATION NAME

27  
YEARS

0000-0000  
HOURS (L.S.T.)

ALL WINDS  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	1.1										4.4	2.0
NNE	2.2											2.2	1.5
NE	1.1	1.1										2.2	1.0
ENE	3.3	1.1										4.4	3.0
E	7.0											7.0	2.1
ESE	2.2											2.2	2.0
SE	3.3	3.3										6.6	4.0
SSE	1.1											1.1	2.0
S													
SSW													
SW		2.2										2.2	4.5
WSW			1.1									1.1	1.0
W	2.2	1.1	2.2									5.5	5.6
WNW			1.1									1.1	7.0
NW	1.1	4.4										5.5	4.0
NNW	1.1	1.1										2.2	3.0
VARBL													
CALM												43.9	
	28.9	17.8	4.4									100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

43210 PYRENEAN AIRCRAFT/COMPTON PIPERS 66-67, 71, 77  
 STATION STATION NAME YEARS MONTH  
 CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0										2.5	1.2
NNE	1.0		.5									1.5	4.0
NE	2.0	.5										2.5	3.2
ENE	2.0	1.0	.5									3.5	2.9
E	3.0	3.0	1.0									11.2	3.6
ESE	4.0	2.5	1.0									8.5	4.9
SE	1.0	2.0	2.0									5.6	4.0
SSE	1.0	1.0										2.5	4.0
S			.5									.5	3.0
SSW		1.0										1.0	5.5
SW			.5									.5	4.0
WSW	.5	1.0										1.5	4.7
W		.5	1.0									2.0	7.3
WNW			.5									.5	7.0
NW	.5	1.5		2.0	1.0							5.1	11.4
NNW	1.5	3.0	1.0	.5								6.1	5.8
VARBL			.5									.5	4.0
CALM												44.2	
	22.3	19.3	10.7	2.5	1.0							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 197

DATA PROCESSING BRANCH  
STAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PYRSTACK AB R 1/CRP 111 PH 215 1970-75-77 404  
STATION NAME CLASS NORTH  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.1	.1								2.2	4.4
NNE	.7	1.1	.5									2.0	4.1
NE	1.2	1.0										2.2	3.4
ENE	2.2	1.5	.4	.1								4.5	4.2
E	4.3	6.5	1.6									12.5	4.5
ESE	1.2	3.5	.5	.1								5.4	5.1
SE	1.2	2.4	2.4									6.4	5.7
SSE	.4	1.0	1.2	.1								2.7	5.7
S	.3	.5	.5									1.4	5.7
SSW	.1	.1										.2	3.5
SW		.3	.1									.4	5.0
WSW	.3	.4		.1								.8	5.5
W	.7	.4	.5	.7	.1							2.4	7.7
WNW	.5	1.2	1.1	.3	.3							3.4	7.5
NW	1.0	1.5	.5	.7	.5							4.5	7.8
NNW	1.0	1.1	1.0	.5	.1							3.7	7.2
VARBL	.2	.3										1.1	3.1
CALM												44.2	
	17.1	24.0	10.7	2.7	1.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 736

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0320 PHILADELPHIA ABN / CA P HURRICANES 6-70, 73-77

STATION MONTH  
STATION NAME YEARS  
CLASS  
CONDITION

1900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	.4	.1								3.5	5.3
NNE	.5	1.4										2.0	4.2
NE	.5	1.4	.4	.1								2.0	4.0
ENE	1.3	2.6	1.2	.1								3.2	5.3
E	2.0	0.9	3.0									12.7	5.2
ESE	1.0	3.5	1.4	.1								4.2	5.3
SE	1.4	3.4	2.0	.4								7.9	5.0
SSE	.7	.7	1.0	.5								3.4	7.2
S	1.0	2.0	2.0	.1								5.1	6.1
SSW		.5	.4		.1							1.0	7.9
SW	.1	.3	.4									.8	5.3
WSW	.1	.5	.1									.8	4.7
W	.7	1.0	.7	.4		.1						3.1	7.3
WNW	.5	1.4	1.3	1.2	.4	.4						5.2	11.4
NW	.5	3.5	3.0	1.2	.0							9.4	6.4
NNW	.5	1.8	1.4	.4	.1							4.8	6.1
VARBL	.0	1.2	.3									2.2	3.9
CALM												23.6	
	13.0	35.0	20.0	4.0	1.4	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 763

DATA PROCESSING SECTION  
AFAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321  
STATION

PROBATIONARY AIR/CA P AND PMS  
STATION NAME

10, 75-77  
YEARS

ALL WINDS  
CLASS

CONDITION

NORTH  
120-1400  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	.4									3.6	4.0
NNE	.0	.6	.4									1.6	4.0
NE	1.2	1.4	.1									2.7	4.0
ENE	.7	1.7	.2	.1								3.5	4.0
E	1.5	4.2	1.3	.1								7.5	4.0
ESE	.5	1.7	.4									2.7	4.0
SE	.2	2.2	1.0									3.7	4.0
SSE	.3	.9	1.4	.1								2.7	7.3
S	.2	2.2	1.4	.4	.1							5.0	4.0
SSW		1.0	1.7	.7		.1						3.6	4.0
SW	.4	.9	1.2	.4								2.0	7.2
WSW	.1	1.0	1.0	.1								2.0	7.2
W	.6	4.9	2.7	1.0	.1							9.0	7.0
WNW	.1	3.2	4.5	3.3	.9	.1	.1					12.2	7.7
NW	.4	3.5	3.0	3.2	1.6	.0	.1					12.4	11.0
NNW		1.7	1.0	.2	.6	.2						4.5	10.3
VARBL	1.0	.9	.1									2.0	3.4
CALM												16.4	
	10.1	34.3	23.3	11.1	3.3	1.2	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 694

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PYRROGUE LAKE / CAMP PHOENIX 60-70, 73-77  
STATION NAME YEARS  
ALL 4-10-77  
CLASS  
CONDITION  
MONTH 1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	.0		.2							1.0	4.4
NNE	.0	.6	.2									1.3	4.4
NE	.0	1.0	.0	.2								1.0	5.3
ENE	.2	1.0	.0	.2								2.5	6.0
E	.0	2.2	1.1	.2								4.0	6.0
ESE	.0	.6	1.0									2.2	5.5
SE	.2	1.4	.0									1.9	5.0
SSE	.0	.6	.0									1.4	5.0
S	.0	1.0	1.7									3.8	6.0
SSW	.0	1.1	1.4	.0								3.2	7.0
SW	.0	1.3	1.4	1.0								4.5	7.3
WSW	1.3	1.7	1.3	.0	.2							4.8	6.3
W	1.4	4.4	3.2	1.1	.2							14.3	6.4
WNW	1.0	4.3	6.2	2.7	1.0							15.1	8.4
NW	.0	3.3	3.0	2.1	1.0	.0						11.1	10.3
NNW	.0	1.1	2.7	1.4	.6	.0						6.8	11.0
VARBL	2.2	.8		.2								3.2	7.4
CALM												10.1	
	11.0	32.9	25.3	9.2	3.7	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 429

DATA PROCESSING SECTION  
 HAD/USAF  
 AIR FATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 95210 STATION NAME PANGLOSS LAKE / CA PANGLOSS YEARS 77 MONTH 1000-2000 HOURS (L.S.T.)

CLASS ALL 77

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2											2.2	2.2
NNE	2.2											2.2	1.1
NE	2.2											2.2	2.2
ENE	2.2											2.2	2.2
E	3.3											3.3	2.2
ESE	3.3											3.3	1.1
SE	4.4	2.2										4.7	2.7
SSE	2.2	1.1										3.3	2.2
S	1.1	1.1										2.2	4.4
SSW	1.1											1.1	2.2
SW	2.2											2.2	2.2
WSW	1.1	1.1										2.2	4.4
W	6.7	1.1	3.3									11.1	4.6
WNW	1.1	1.1	2.2									11.1	4.4
NW	2.2	1.1		1.1								4.4	5.0
NNW	1.1											7.8	2.2
VARBL			1.1									1.1	2.2
CALM												31.1	
	2.2	0.9	6.7	1.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321 STATION PANGLOSS AB K 1/CAMP MORPHIS 77 YEARS 14 MONTH 2100-2300 HOURS (L.S.T.)

ALL DATA CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1										1.1	4.0
NNE													
NE		3.3										3.3	4.7
ENE	3.3											3.3	2.4
E	3.3	1.1										4.4	2.5
ESE	4.4	2.2										6.6	3.2
SE	1.1											1.1	2.0
SSE	3.3	1.1										4.4	2.8
S		1.1										1.1	5.6
SSW													
SW													
WSW		1.1										1.1	5.0
W	3.3		2.2									7.8	4.3
WNW	2.2		2.2									4.4	5.5
NW		3.3	1.1									4.4	6.8
NNW		3.3										3.3	4.7
VARBL													
CALM												51.1	
	22.6	17.8	5.6									100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR FAULTER SERVICE/NAF

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321- PULLTACK N. K. / CAMP P. H. P. H. S. 76-70, 75-77

STATION STATION NAME YEARS MONTH

ALL AT T

CLASS

CONDITION

HOURS (L. S. T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.6	.0	.1	.0							2.8	4.7
NNE	.1	.0	.0									1.7	4.2
NE	1.0	1.2	.2	.1								2.5	4.2
ENE	1.0	1.0	.1	.1								4.0	4.9
E	2.0	4.6	1.0	.1								5.2	4.7
ESE	1.0	2.3	.0	.1								4.5	4.9
SE	1.1	2.4	1.0	.1								5.2	5.5
SSE	.0	.0	1.1	.1								2.6	6.3
S	.0	1.4	1.2	.1	.0							3.4	6.2
SSW	.1	.0	.1	.2	.0							1.0	7.1
SW	.0	.6	.1									1.0	6.9
WSW	.4	.9	.0	.1	.0							2.1	6.3
W	1.1	3.1	1.0	.0	.1							6.9	6.9
WNW	.1	2.1	2.9	1.0	.5	.1	.0					7.9	9.0
NW	.0	2.9	2.1	1.0	1.0	.0	.0					8.6	9.5
NNW	.0	1.0	1.0	.0	.3	.2						4.9	6.0
VARBL	1.0	.7	.2	.0								1.9	3.0
CALM												23.1	
	12.7	29.4	18.1	6.1	2.0	.0	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3289

WIND PROCESSING AND  
 ETAC/USAF  
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 DYNASTY K / CA P H M P K 17  
 STATION STATION NAME YEARS  
 ALL T  
 CLASS  
 CONDITION  
 NORTH  
 000-000  
 HOURS (LST)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2											2.2	0.1
NNE	2.4											2.4	0.1
NE	2.1											2.1	0.1
ENE	2.7											2.7	0.3
E	1.0	2.2										12.2	2.4
ESE	2.4											2.4	1.0
SE	2.2											2.2	1.5
SSE													
S	1.2											2.2	1.7
SSW	1.0											2.2	1.5
SW	2.0											2.2	2.0
WSW	2.2											2.2	1.0
W			2.2									2.2	1.5
WNW	2.2	3.2										5.4	4.0
NW	1.1	1.1	1.1									3.7	5.3
NNW	1.1											1.1	2.0
VARBL													
CALM												21.5	
	0.3	0.5	3.2									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING AREA  
 ETAC/USAF  
 AIR LAUNCH SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4321 STATION NAME RYAN TANK / CA P. PHIPPS YEARS 67, 70, 77 MONTH NORTH HOURS 0300-0600

CLASS ALL WINDS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.4	1.5									2.3	4.6
NNE	1.5	1.0										2.5	5.2
NE	2.0		.5									2.0	4.3
ENE	7.4	2.0										2.3	5.6
E	5.9	3.9										12.3	5.0
ESE	3.5	2.0										5.2	4.0
SE	3.5	1.0										4.4	2.5
SSE	1.5	.5	1.5									2.9	4.2
S	.5											.5	2.0
SSW													
SW													
WSW				.5								.5	12.0
W		.5	1.5									2.0	7.3
WNW	1.5		1.5	1.5								3.4	7.3
NW	.5	2.0		.5								2.9	4.2
NNW	2.0	3.4	2.0									3.3	4.3
VARBL													
CALM												31.9	
	20.3	21.0	6.2	2.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 204

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4021-1 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 10-70, 75-17

STATION 4021-1 STATION NAME ALLIANCE YEARS 10-70, 75-17

CLASS ALLIANCE

CONDITION

HOURS (L.S.T.) 1000-0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	1.1	.5								5.0	5.3
NNE	1.3	.8	.4	.1								2.2	2.2
NE	1.7	1.1	.5									3.0	3.2
ENE	3.4	2.3	.4									4.1	3.5
E	2.1	3.7	1.1									10.1	3.5
ESE	2.0	1.7	1.1									5.6	4.5
SE	1.2	1.3	.7									2.6	3.0
SSE	.5	.4	1.2	.1								2.5	3.3
S	.2	.7	.5									2.0	4.7
SSW		.4										.4	4.0
SW		.1										.1	4.0
WSW	.4	.5	.1	.5								1.3	4.3
W	.1	.7	.4	.4								1.6	7.3
WNW	.7	1.6	1.2	.4								3.8	6.9
NW	.7	2.2	.7	.5	.1							4.8	6.0
NNW	1.1	1.7	1.0	.7	.1							5.8	6.4
VARBL	.7	.7	.5									1.6	4.3
CALM												40.8	
	22.1	22.2	10.9	2.0	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 755

DATA PROCESSING RANGE  
 LTAC/USAF  
 AIR FATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 P... 75-77  
 STATION NAME YEARS  
 CLASS  
 CONDITION  
 MONTH  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.3	.3								4.4	4.2
NNE	1.7	.9	.3									2.3	2.0
NE	1.0	1.0	.3									2.3	2.0
ENE	2.3	2.7	.3	.1								5.2	4.1
E	3.7	7.1	3.0	.3								13.5	5.5
ESE	2.1	3.1	1.7	.1								7.2	5.4
SE	1.3	3.2	1.7									6.7	5.3
SSE	.4	.5	.6	.1								1.8	4.1
S	.3	.9	.4	.1								1.9	5.4
SSW	.4	.1	.3									.8	5.0
SW	.4	.4	.3	.1								1.7	5.6
WSW	.5	.5	.3	.1	.1							1.5	6.0
W	1.3	1.9	.1	.3	.1							3.5	5.4
WNW	.5	1.9	1.3	.3	.1							4.8	7.5
NW	.7	2.7	3.4	1.7	.9	.1						9.7	9.3
NNW		2.1	2.2	1.0	.4							5.7	5.9
VARBL	1.4	.8										2.2	2.0
CALM												24.6	
	13.5	31.6	18.1	5.4	1.7	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 775

DATA PROCESSING BRANCH  
 FIAO/USAF  
 AIR WEATHER SERVICE/FAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4321	PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED	6-70, 75-77	STATION
STATION	STATION NAME	YEARS	MOUNT
	ALL		1200-1400
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.5	.5								2.4	4.3
NNE	.5	1.1	.5	.1								1.0	5.0
NE	.0	.4	.5									1.6	5.3
ENE	.2	1.3	.5									2.7	4.8
E	1.1	4.9	2.5									8.3	5.7
ESE	.7	2.3										3.0	4.3
SE	.4	3.0	2.5	.5								6.0	5.3
SSE	.4	.7	.7	.5								2.3	7.3
S	.3	1.4	.7	.5								2.0	6.5
SSW	.3	1.3	.4	.1								2.3	5.7
SW	1.5	2.3	.5	1.5								4.0	6.3
WSW	1.5	1.4	.5	.5	.1							3.4	5.2
W	1.7	4.9	1.7	.7	.3	.5						10.1	5.9
WNW	1.7	3.4	5.5	2.5	.6	.1	.1					13.0	8.0
NW	.7	2.7	3.7	2.2	1.7	.5						11.8	10.0
NNW	.5	1.4	1.5	1.1	.6							5.6	5.3
VARBL	1.5	1.3										2.3	4.3
CALM												14.5	
	13.0	75.3	22.7	9.3	3.3	.5	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 696

DATA PROCESSING  
ETAC/USAF  
AIR FATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4023 STATION NAME PERCUTER AIR / CA P. 1000 YEARS 10-12-77 MONTH JUL  
CLASS ALL MONTH 1000-1700  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	.0									1.6	1.7
NNE		.5	.0									1.0	1.7
NE	.0	.0	.0									1.8	5.2
ENE	1.1	2.3	.0	.0								3.1	5.2
E	.0	2.1	.0									4.8	5.2
ESE	.0	.7	.0									1.6	4.7
SE	.0	2.6	1.0									4.9	5.2
SSE	.0	.0	.0	.0								2.1	5.4
S	.0	1.1	.0									2.1	5.4
SSW	.0	1.1	.0									2.1	5.5
SW	1.0	3.0	1.0	.0								5.4	5.5
WSW	1.0	2.0	.7	.0								4.6	5.0
W	2.0	7.4	3.4	.0	.0							14.3	5.0
WNW	1.0	4.6	7.0	2.0	.8							15.8	5.6
NW	.0	2.6	3.7	2.0	.7		.0					12.5	5.2
NNW	.0	1.8	2.0	1.0	1.0		.0					7.4	5.8
VARBL	1.3	.7	.0									2.3	3.6
CALM												12.5	
	14.4	35.6	27.0	7.1	2.6	.0	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 400

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR LATER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PINE BLK / CA F. PHX 11 YEARS MONTH 1300-2000  
STATION NAME CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1											1.1	1.1
NNE													
NE	2.2											2.2	2.1
ENE	4.3	4.3										8.6	3.5
E	1.1	1.1										2.2	2.5
ESE													
SE	2.2											2.2	1.5
SSE	1.1											1.1	2.1
S	4.3											4.3	2.0
SSW	3.2	1.1										4.3	2.0
SW	1.1	3.2										4.3	4.3
WSW	1.1	1.1	2.2									4.3	6.3
W	0.0	0.5	3.2									3.7	4.4
WNW	0.0	1.5	3.2									4.7	4.3
NW	3.2											3.2	2.0
NNW													
VARBL			1.1									1.1	7.0
CALM												25.8	
	19.2	24.7	9.7									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
 FTAG/USAF  
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION 4321 STATION NAME PANGLOSS LAKE / CAMP PANGLOSS YEARS 77  
 CLASS ALL WINDS  
 CONDITION  
 NORTH 2100-2300  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1											1.1	1.1
NNE	1.1											1.1	3.6
NE	2.2	1.1										3.2	2.7
ENE	0.5	2.2										3.6	2.2
E	0.5											4.5	1.7
ESE	14.0											14.0	1.7
SE	3.2											3.2	1.7
SSE	2.2											2.2	2.0
S	4.5											4.3	1.5
SSW	1.1											1.1	1.0
SW	1.1											1.1	2.0
WSW	3.9	2.2	3.2									12.0	3.5
W	2.2		1.1									3.2	4.3
WNW	1.1	0.5	2.2									9.7	5.7
NW		3.2										3.2	5.0
NNW	3.2											3.2	1.7
VARBL													
CALM												23.7	
	54.0	12.1	6.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING SECTION  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 4521 STATION NAME PYROTECHNICAL / CAMP PINE BLISS YEARS 1973-77  
 ALL MONTH MONTH ALL  
 ALL CLASS HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	.6	.7								3.6	5.4
NNE	.9	.8	.3	.1								2.1	4.4
NE	1.9	.8	.4									2.5	3.7
ENE	3.0	2.1	.4	.1								5.6	3.7
E	3.2	4.4	1.0	.1								7.3	4.7
ESE	2.1	1.6	.6	.1								4.8	4.4
SE	1.4	2.2	1.2	.1								4.9	5.1
SSE	.7	.5	.6	.7								2.1	5.3
S	.1	.9	.2	.1								2.3	5.2
SSW	.5	.6	.2	.1								1.4	5.0
SW	.6	1.2	.4	.3								2.6	5.0
WSW	.6	1.1	.5	.2	.1							2.7	5.7
W	1.4	3.2	1.4	.5	.1	.1						4.7	5.2
WNW	1.2	2.9	3.3	1.2	.3	.1	.0					8.9	7.9
NW	.1	2.5	2.9	1.4	.7	.1	.0					8.6	6.1
NNW	1.0	1.7	1.3	.8	.4		.0					5.8	5.1
VARBL	.7	.7	.2									1.8	3.5
CALM												24.3	
	21.2	29.1	17.5	5.2	1.6	.2	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3318

DATA PROCESSING DIV OF  
ETAC/USAF  
AIR LAUNCH SERVICE/DC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4321 STATION PERCUTER AIR / CALF 44PH115 YEARS 70, 71-78 ALL MONTHS  
ALL CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	.4	.1	.0					.1		2.5	5.2
NNE	.1	.9	.2	.1	.0							1.6	4.6
NE	.1	1.4	.5	.2	.0							3.0	5.5
ENE	1.3	1.9	1.1	.4	.0							4.7	5.7
E	2.2	4.1	2.3	.7	.1	.	.					9.4	5.6
ESE	1.1	1.9	.6	.1	.0	.	.					4.0	5.4
SE	.1	1.9	1.0	.2	.0							4.0	5.5
SSE	.0	1.0	.7	.1								2.4	5.1
S	.1	1.3	.7	.2	.0	.						3.1	5.1
SSW	.4	.9	.6	.2	.0	.						2.3	5.0
SW	.3	1.4	1.3	.6	.1	.	.					3.0	7.1
WSW	.1	1.7	1.0	.6	.1	.	.					4.7	7.3
W	1.4	4.4	3.9	1.1	.3	.1	.0	.0				11.2	7.4
WNW	.3	2.5	3.1	1.5	.3	.1	.0					9.1	6.3
NW	.1	2.0	1.7	.7	.3	.1	.0	.0				5.8	6.3
NNW	.0	1.2	.7	.4	.1	.0	.0	.0				3.2	7.2
VARBL	.3	.3	.1	.0	.0							.8	4.8
CALM												25.1	
	14.4	30.1	21.2	7.1	1.6	.3	.1	.0		.0		100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 41038

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43215 STATION NAME: PETERHEAD AFB, CA FIP: 1-5 YEARS: 70, 75-76  
 CLASS: ALL MONTH: ALL HOURS (L.S.T.): ALL  
 CONDITION: CIG 200 FT 1400 FT W/ VS 1/2 MI ON GFD, 200 FT 1400 FT W/ VS 1/2 MI ON GFD, 200 FT 1400 FT W/ VS 1/2 MI ON GFD

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.5	.5	.7	.0					.0		3.3	1.1
NNE	.0	.9	.5	.0	.0							2.1	4.7
NE	.7	1.4	.4	.7	.1							2.9	5.5
ENE	1.4	1.6	1.0	.4	.0							4.4	5.0
E	2.3	3.4	2.0	.5	.1	.0						6.4	5.0
ESE	1.4	1.5	.4	.0								3.3	4.4
SE	.7	1.4	.7	.4								3.0	5.0
SSE	.7	1.0	.5									2.2	5.1
S	.0	1.0	.7	.1	.1							2.5	6.3
SSW	.0	.9	.7	.4	.1							2.7	7.7
SW	.0	1.5	2.1	.7	.2	.0						5.3	5.7
WSW	.0	1.2	1.7	.0	.2	.1						4.3	5.1
W	1.3	3.1	2.5	.5	.3	.1						8.2	7.4
WNW	.0	1.9	1.4	.5	.1	.1						5.1	7.2
NW	.0	1.4	.5	.4	.1	.0						3.5	6.0
NNW	.0	.9	.6	.1	.1		.0	.0				2.3	6.0
VARBL	.0	.3		.0								.7	2.4
CALM												5.9	
	14.8	24.9	16.9	5.7	1.5	.4	.0	.0		.0		100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 4271

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq 5/16$	$\geq 0$
NO CEILING															
$\geq 1800$															
$\geq 1500$					91.0										92.6
$\geq 1200$															
$\geq 1000$															
$\geq 900$															
$\geq 800$															
$\geq 700$															
$\geq 600$															
$\geq 500$										97.4					98.1
$\geq 400$															
$\geq 300$															
$\geq 200$															
$\geq 100$															
0					95.4		96.9			98.3					100.0

**EXAMPLE # 1** Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

**EXAMPLE # 2** Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

**EXAMPLE # 3** To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

## CEILING VERSUS VISIBILITY

✓

• 1999-2000

[illegible]TOTAL NUMBER OF OBSERVATIONS 94

## CEILING VERSUS VISIBILITY

7- 74

1500-2000

[illegible]TOTAL NUMBER OF OBSERVATIONS 182

2

## CEILING VERSUS VISIBILITY

4321. DYKSTICK, A. K. /CA/P. NonPAR1.5. 7-7, 73-7c

44.

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM NO. OF OPERATIONS

0600-4200

45.2	50.2	53.2	60.3	61.5	63.7	63.7	63.8	64.6	64.7	64.7	65.7	65.7	65.7	65.7
45.4	53.0	56.1	64.3	65.0	66.4	67.3	67.4	68.2	68.2	68.5	69.1	69.3	69.2	69.7
45.4	53.1	56.1	64.5	65.1	66.5	67.4	67.6	68.4	68.6	68.6	69.4	69.4	69.4	69.9
45.4	53.0	56.1	64.5	65.1	66.5	67.4	67.6	68.4	68.6	68.6	69.4	69.4	69.4	69.9
45.4	53.0	56.1	64.7	65.4	66.8	67.7	67.8	68.6	68.7	69.2	69.7	69.7	69.7	70.1
45.5	53.2	56.4	64.9	65.5	66.9	67.8	68.0	68.8	69.0	69.2	69.9	69.9	69.9	70.1
45.0	54.4	57.0	66.9	67.6	68.2	70.1	70.3	71.1	71.3	71.3	72.1	72.1	72.1	72.5
45.2	54.2	57.9	67.2	67.8	68.6	70.5	70.7	71.5	71.7	71.7	72.5	72.5	72.5	72.9
45.4	54.9	58.4	68.1	68.3	70.1	71.6	71.7	72.5	72.5	72.8	73.6	73.6	73.6	74.0
47.0	55.0	59.1	68.0	69.7	71.0	72.5	72.7	73.5	73.6	73.8	74.6	74.6	74.6	75.0
47.2	56.0	59.5	69.2	70.1	70.9	72.9	73.1	73.9	74.2	74.2	75.0	75.0	75.0	75.4
47.9	56.8	60.3	70.1	71.1	71.9	73.9	74.0	74.8	75.1	75.1	75.9	75.9	75.9	76.3
48.0	58.0	61.5	71.3	72.3	73.2	75.1	75.2	76.0	76.3	76.3	77.1	77.1	77.1	77.5
53.5	61.0	64.2	74.2	75.2	76.1	78.1	78.2	79.0	79.3	79.3	80.1	80.1	80.1	80.5
53.2	63.0	67.4	77.9	78.9	80.8	81.7	81.8	82.6	82.9	82.9	83.7	83.7	83.7	84.1
55.0	67.3	71.2	84.0	85.1	86.9	87.9	88.0	89.1	89.4	89.4	90.2	90.2	90.2	90.6
55.1	58.1	72.4	85.9	86.9	88.8	89.8	89.9	91.0	91.4	91.4	92.2	92.2	92.3	92.7
55.2	58.8	73.2	86.9	88.0	90.4	91.4	91.5	92.6	93.0	93.0	93.8	93.8	93.9	94.3
56.7	58.8	73.2	86.9	88.0	90.6	91.5	91.7	92.7	93.1	93.1	93.9	93.9	94.1	94.5
56.8	69.2	73.6	87.4	88.7	91.2	92.2	92.5	93.5	93.9	93.9	94.8	94.8	94.9	95.3
56.9	69.2	73.6	87.8	89.8	91.7	92.6	92.9	94.1	94.5	94.5	95.3	95.3	95.4	95.8
56.9	69.2	74.0	88.2	90.4	92.6	93.5	93.8	95.3	95.8	95.8	96.6	96.6	96.9	97.3
56.9	69.2	74.0	88.2	90.4	92.7	93.7	93.9	95.4	96.1	96.1	96.9	96.9	97.3	97.7
56.9	69.2	74.0	88.3	90.5	92.9	93.8	94.1	95.6	96.2	96.2	97.0	97.0	97.4	97.8
56.9	69.2	74.0	88.3	90.5	92.9	93.8	94.1	95.7	96.4	96.5	97.3	97.3	97.7	98.1
56.9	69.2	74.0	88.3	90.5	93.0	93.9	94.2	95.8	96.5	96.6	97.4	97.4	97.8	98.4
56.9	69.2	74.0	88.4	90.5	93.1	94.1	94.3	96.0	96.8	96.9	97.7	97.7	98.1	98.7
56.9	69.2	74.0	88.4	90.6	93.1	94.1	94.3	96.0	96.8	96.9	97.7	97.7	98.1	98.8
56.9	69.2	74.0	88.4	90.6	93.1	94.1	94.3	96.0	96.8	96.9	97.8	98.0	98.4	99.5
56.9	69.2	74.0	88.4	90.6	93.1	94.1	94.3	96.0	96.8	96.9	97.8	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 743

## CEILING VERSUS VISIBILITY

...

0901-1100

TOTAL NUMBER OF OBSERVATIONS 797









DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/NAF

## CEILING VERSUS VISIBILITY

4221 PYUNGTAEK AB K/CASE HODPHRIES 7-7, 73-73

900

PERCENTAGE FREQUENCY OF DIFFERENCE  
FROM HOURLY OBSERVATIONS

ALL

44.7	52.1	54.2	61.1	62.1	63.2	63.9	64.0	64.5	64.7	64.7	65.1	65.1	65.1	65.4
49.7	55.0	58.1	65.0	66.7	67.2	68.2	69.1	69.6	69.6	69.6	70.1	70.2	70.2	70.4
50.2	56.1	58.3	66.1	67.2	67.8	69.5	69.7	70.2	70.4	70.4	70.6	70.8	70.8	71.1
50.2	56.1	58.3	66.1	67.2	67.8	69.5	69.7	70.2	70.4	70.4	70.6	70.8	70.8	71.1
50.2	56.2	58.4	66.2	67.3	67.0	69.7	69.9	70.4	70.6	70.6	71.0	71.0	71.0	71.3
50.4	56.4	58.7	66.4	67.7	67.4	70.1	70.3	70.8	71.0	71.0	71.3	71.4	71.4	71.6
51.4	57.9	60.2	68.7	69.9	71.6	72.4	72.5	73.1	73.3	73.3	73.7	73.7	73.7	74.0
51.6	58.1	60.5	69.1	70.3	71.0	72.8	73.0	73.5	73.7	73.8	74.2	74.2	74.2	74.2
52.1	58.7	61.1	69.9	71.1	71.1	73.9	74.1	74.6	74.6	74.9	75.3	75.3	75.3	75.6
52.3	59.0	61.4	70.3	71.6	71.6	74.4	74.6	75.2	75.4	75.4	75.8	75.9	75.9	76.1
52.7	59.4	61.8	70.8	72.0	71.1	74.9	75.1	75.6	75.6	75.9	76.3	76.3	76.3	76.6
53.6	60.4	62.9	71.9	73.3	73.3	76.2	76.3	76.9	77.1	77.1	77.2	77.6	77.6	77.8
54.4	61.3	63.8	72.9	74.3	74.3	77.1	77.4	77.9	78.1	78.2	78.6	78.6	78.6	78.9
56.3	64.0	66.6	76.0	77.4	77.6	80.4	80.7	81.2	81.3	81.5	81.9	82.0	82.0	82.2
59.0	66.8	69.5	79.5	80.9	81.2	84.0	84.3	84.9	85.2	85.3	85.6	85.7	85.7	85.9
62.1	70.4	73.4	84.4	85.9	86.2	89.1	89.4	90.2	90.4	90.6	91.1	91.2	91.2	91.4
62.9	71.4	74.5	86.0	87.7	87.1	91.0	91.3	92.2	92.5	92.7	93.2	93.3	93.3	93.6
63.3	72.1	75.3	87.4	89.2	89.8	92.7	93.1	94.1	94.4	94.5	95.1	95.1	95.2	95.5
63.4	72.2	75.4	87.5	89.3	89.0	92.9	93.3	94.3	94.7	94.8	95.3	95.4	95.4	95.7
63.6	72.3	75.8	88.0	90.0	90.8	93.7	94.1	95.1	95.5	95.6	96.2	96.2	96.2	96.5
63.8	72.6	76.0	88.3	90.3	91.2	94.1	94.6	95.5	96.0	96.1	96.7	96.7	96.7	97.1
63.8	72.7	76.1	88.4	90.6	91.6	94.6	95.0	96.1	96.5	96.7	97.3	97.4	97.5	97.8
63.8	72.7	76.2	88.7	90.7	91.7	94.6	95.1	96.3	96.8	97.0	97.6	97.7	97.7	98.1
63.8	72.7	76.2	88.7	90.9	91.9	94.8	95.4	96.7	97.3	97.5	98.1	98.2	98.3	98.6
63.8	72.8	76.2	88.8	90.9	91.9	94.9	95.4	96.8	97.4	97.6	98.2	98.4	98.5	98.9
63.8	72.8	76.3	88.8	91.0	91.0	94.1	95.0	95.5	97.0	97.5	97.7	98.4	98.6	99.2
63.8	72.8	76.3	88.9	91.0	91.0	94.1	95.1	95.6	97.0	97.6	97.9	98.6	98.7	99.4
63.8	72.8	76.3	88.9	91.0	91.0	94.1	95.1	95.6	97.0	97.6	97.9	98.6	98.8	99.7
63.8	72.8	76.3	88.9	91.0	91.0	94.1	95.1	95.6	97.0	97.6	97.9	98.6	98.8	99.8
63.8	72.8	76.3	88.9	91.0	91.0	94.1	95.1	95.6	97.0	97.6	97.9	98.6	98.8	99.0
63.8	72.8	76.3	88.9	91.0	91.0	94.1	95.1	95.6	97.0	97.6	97.9	98.6	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 3413





DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATHER SERVICE/TAC

## CEILING VERSUS VISIBILITY

4221 PYNGIAK ALK/CAMP HUMPHRIES 17-70273-70

FLS

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM H. J. OBSERVATION

0000-1000

42.7	50.8	53.8	60.1	60.9	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.6
45.2	54.7	58.2	65.5	65.4	67.3	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	68.6
45.6	55.3	58.4	66.1	67.0	67.9	67.9	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.4	69.2
45.9	55.4	59.2	66.2	67.1	68.0	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.6	69.3
46.1	56.0	59.6	66.8	67.7	68.6	68.6	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.9
46.1	56.0	59.6	66.8	67.7	68.6	68.6	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.9
46.5	56.4	60.0	68.0	68.9	69.9	69.9	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.5	71.3
46.5	56.4	60.1	68.1	69.0	70.1	70.1	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.7	71.4
47.7	57.9	61.9	70.3	71.7	72.9	72.9	72.9	73.2	73.3	73.3	73.3	73.3	73.5	73.6	74.4
48.7	59.1	63.1	72.3	72.9	74.1	74.1	74.1	74.4	74.5	74.5	74.5	74.7	74.7	74.8	75.6
48.7	59.1	63.1	72.3	72.9	74.1	74.1	74.1	74.4	74.5	74.5	74.5	74.7	74.7	74.8	75.6
49.1	59.4	64.4	73.2	74.4	75.6	75.6	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.3	77.0
50.2	60.6	65.2	74.4	75.3	76.6	76.6	76.6	76.9	77.0	77.0	77.2	77.2	77.2	77.3	78.1
50.8	61.8	66.3	76.0	76.9	78.4	78.4	78.4	78.7	78.8	78.8	79.0	79.0	79.0	79.1	79.9
52.7	63.9	69.0	78.8	79.7	81.2	81.2	81.2	81.5	81.6	81.6	81.8	81.8	81.8	81.9	82.7
55.4	67.3	72.6	82.7	83.6	85.0	85.0	85.0	85.3	85.6	85.6	85.8	85.8	85.8	85.9	86.7
55.9	68.1	73.5	84.6	85.6	87.1	87.1	87.1	87.4	87.7	87.7	87.9	87.9	88.0	88.0	88.7
56.7	69.3	75.7	87.0	88.3	90.1	90.1	90.1	90.7	91.0	91.0	91.1	91.1	91.1	91.3	92.0
56.7	69.3	75.9	87.7	89.0	90.8	90.8	90.8	91.4	91.7	91.7	91.9	91.9	92.0	92.0	92.7
57.3	70.2	76.4	88.4	89.8	91.7	92.0	92.0	92.7	93.2	93.2	93.3	93.3	93.3	93.5	94.2
57.3	70.4	76.6	89.0	90.4	92.4	93.2	93.2	93.9	94.5	94.5	94.7	94.7	94.8	94.8	95.6
57.5	70.8	77.0	89.4	91.4	93.5	94.4	94.5	95.4	96.1	96.1	96.3	96.3	96.4	97.2	97.2
57.5	70.8	77.0	89.4	91.4	93.5	94.4	94.5	95.4	96.1	96.1	96.3	96.3	96.4	97.2	97.2
57.5	70.8	77.0	89.4	91.4	93.5	94.5	94.7	95.6	96.3	96.3	96.4	96.4	96.7	97.5	97.5
57.5	70.8	77.0	89.4	91.4	93.5	94.5	94.7	95.7	96.6	96.6	97.0	97.2	97.6	98.4	98.4
57.5	70.8	77.3	90.2	91.9	93.9	95.0	95.1	96.3	97.2	97.2	97.6	97.8	98.5	99.4	99.4
57.5	70.8	77.3	90.2	91.9	93.9	95.0	95.1	96.3	97.2	97.2	97.8	97.9	98.7	99.6	99.6
57.5	70.8	77.3	90.2	91.9	93.9	95.0	95.1	96.3	97.2	97.2	97.8	97.9	98.8	99.7	99.7
57.5	70.8	77.3	90.2	91.9	93.9	95.0	95.1	96.3	97.2	97.2	97.8	97.9	99.1	100.0	100.0
57.5	70.8	77.3	90.2	91.9	93.9	95.0	95.1	96.3	97.2	97.2	97.8	97.9	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 675

WINDY CESSING ROAD  
USAF BLDG  
118 EATHER SERVICE

## CEILING VERSUS VISIBILITY

4321

PRIME LICK AREA/CAMP HUMPHRIES 7-7, 73-73

111

PER CENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

5900-1100

42.3	45.3	48.3	55.7	57.1	58.5	59.2	59.3	59.4	59.6	59.6	59.6	59.7	59.7	60.3
42.3	52.1	55.1	62.1	64.5	65.2	67.2	67.6	67.8	67.7	67.8	67.9	68.1	68.1	68.2
42.1	52.3	55.7	63.3	65.1	66.8	67.8	68.2	68.3	68.5	68.5	68.5	68.6	68.6	68.6
42.2	52.3	55.8	63.3	65.3	65.9	67.9	68.3	68.5	68.6	68.7	68.8	68.8	68.8	68.2
43.5	53.1	56.1	63.3	65.6	67.2	68.2	68.6	68.9	69.3	69.7	69.3	69.2	69.2	69.0
43.6	53.2	56.4	64.3	65.8	67.5	68.5	68.2	69.2	69.2	69.3	69.6	69.7	69.7	70.1
44.7	55.3	58.5	66.7	68.5	70.1	71.1	71.5	71.8	72.2	72.2	72.2	72.4	72.4	72.7
44.7	55.2	58.5	66.7	68.5	70.1	71.1	71.5	71.8	72.2	72.2	72.2	72.4	72.4	72.2
46.4	57.4	60.6	70.3	72.1	73.9	75.1	75.6	76.0	76.4	76.4	76.4	76.5	76.5	76.2
47.6	59.1	62.5	72.2	74.3	76.1	77.4	77.8	78.2	78.6	78.6	78.6	78.8	78.8	79.2
47.6	59.3	62.5	72.2	74.3	76.1	77.4	77.8	78.2	78.6	78.6	78.6	78.8	78.8	79.2
47.8	59.4	63.1	72.2	74.3	76.7	77.9	78.3	78.8	79.2	79.2	79.2	79.3	79.3	79.7
48.1	59.7	63.3	73.2	75.3	77.1	78.3	78.8	79.2	79.6	79.6	79.6	79.7	79.7	80.1
48.5	60.4	64.2	74.2	76.4	78.2	79.6	80.0	80.4	80.8	80.8	80.8	81.2	81.2	81.4
49.7	61.7	65.4	76.0	78.2	80.0	81.4	81.8	82.2	82.6	82.6	82.6	82.8	82.8	83.2
51.7	63.8	67.9	78.9	81.5	83.5	84.9	85.3	85.7	86.1	86.1	86.1	86.3	86.3	86.7
52.1	64.2	68.3	80.4	83.2	85.4	86.8	87.2	87.8	88.2	88.2	88.2	88.3	88.3	88.8
53.1	65.4	69.6	82.2	85.4	87.9	89.4	89.9	90.4	90.8	90.8	90.8	91.2	91.2	91.4
53.3	66.0	70.1	83.3	86.1	88.6	90.1	90.6	91.1	91.5	91.5	91.5	91.7	91.7	92.1
53.5	66.1	70.3	83.3	86.3	88.4	91.1	91.7	92.5	93.3	93.3	93.3	93.5	93.6	94.0
53.6	66.3	70.4	84.0	87.5	90.1	91.8	92.4	93.3	94.2	94.2	94.2	94.3	94.4	94.9
53.6	66.3	70.4	84.4	88.1	91.3	92.9	93.5	94.4	95.0	95.6	95.7	95.8	95.8	96.3
53.6	66.3	70.4	84.4	88.1	91.3	92.9	93.5	94.4	95.0	95.6	95.7	95.8	95.8	96.3
53.6	66.3	70.4	84.4	88.2	91.4	93.1	93.6	94.6	95.7	95.7	95.7	96.1	96.1	96.5
53.6	66.3	70.7	84.7	88.6	92.1	93.8	94.3	95.3	96.4	96.4	96.5	96.8	96.8	97.2
53.6	66.3	70.7	84.9	88.8	92.2	94.2	94.7	95.7	96.8	96.8	97.1	97.6	97.6	98.1
53.6	66.3	70.8	85.0	88.9	92.5	94.6	95.1	96.3	97.4	97.5	97.6	98.5	98.5	99.2
53.6	66.3	70.8	85.0	88.9	92.6	94.7	95.3	96.4	97.5	97.5	97.9	98.6	98.6	99.6
53.6	66.3	70.8	85.0	88.9	92.6	94.7	95.3	96.8	97.9	98.1	98.3	99.0	99.0	100.0
53.6	66.3	70.8	85.0	88.9	92.6	94.7	95.3	96.8	97.9	98.1	98.3	99.0	99.0	100.0
53.6	66.3	70.8	85.0	88.9	92.6	94.7	95.3	96.8	97.9	98.1	98.3	99.0	99.0	100.0
53.6	66.3	70.8	85.0	88.9	92.6	94.7	95.3	96.8	97.9	98.1	98.3	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720





DATA PROCESSING BRANCH  
USAF ETAC  
AIR LATER SERVICE/AC

# CEILING VERSUS VISIBILITY

9324 PLOTTER FOR KJ/CAMP COMPARISONS

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOUR OBSERVATION

1500-2500

61.7	64.3	64.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
65.5	69.0	69.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
65.5	69.0	69.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
65.5	69.0	69.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
65.5	69.0	69.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
67.0	75.0	75.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
67.0	75.0	75.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
70.2	79.4	79.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
70.2	79.4	79.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
70.2	79.4	79.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
70.2	79.4	79.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
72.9	84.3	84.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
72.9	84.3	84.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
77.4	88.1	88.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
77.4	88.1	88.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
77.4	88.1	88.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
79.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5

TOTAL NUMBER OF OBSERVATIONS 85









DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

4321 PROJECTED TO KJ/CAPR HONOLULU

1-72, 73-77

0600

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0600

43.7	43.6	45.3	50.1	56.2	61.0	61.1	61.2	61.6	61.7	61.7	62.1	62.1	62.4	62.5
41.7	52.3	54.2	60.0	60.4	61.2	61.3	61.4	61.8	62.1	62.1	62.2	62.5	62.7	62.9
41.7	52.4	54.6	60.1	60.8	61.5	61.7	61.8	62.2	62.5	62.5	62.6	62.8	63.1	63.4
41.7	52.4	54.6	60.4	61.8	61.2	61.7	61.8	62.2	62.2	62.5	62.8	62.8	63.1	63.4
41.3	52.5	54.8	60.6	61.0	61.8	61.9	62.1	62.5	62.7	62.7	63.1	63.1	63.4	63.6
42.7	53.7	56.1	62.1	62.5	63.2	63.4	63.5	63.9	64.1	64.1	64.2	64.5	64.8	65.0
43.4	54.8	57.3	63.5	64.0	64.8	65.0	65.2	65.5	65.6	65.6	66.2	66.2	66.5	66.7
43.7	55.2	57.7	63.2	64.4	65.2	65.4	65.5	65.9	66.2	66.2	66.6	66.6	66.8	67.1
45.3	57.7	60.6	67.4	68.0	68.4	69.7	69.8	70.2	70.5	70.5	70.8	70.8	71.1	71.4
46.1	58.7	61.8	68.2	69.5	71.1	71.4	71.5	71.9	72.1	72.1	72.2	72.5	72.6	73.0
46.1	58.8	61.9	69.0	69.7	71.2	71.5	71.6	72.0	72.3	72.3	72.6	72.6	72.9	73.2
47.1	60.1	63.2	70.1	71.0	72.2	72.8	72.9	73.4	73.7	73.7	74.1	74.1	74.3	74.8
47.2	60.4	63.6	70.7	71.4	72.9	73.2	73.3	73.8	74.1	74.1	74.5	74.5	74.7	75.0
47.9	61.2	64.2	71.6	72.3	73.8	74.1	74.2	74.8	75.1	75.1	75.5	75.5	75.7	76.0
49.9	62.5	66.1	73.3	73.9	75.6	75.9	76.0	76.6	76.9	76.9	77.4	77.4	77.7	77.9
50.8	65.2	68.4	77.2	78.2	80.3	80.6	81.4	81.7	81.7	82.2	82.2	82.5	82.7	
51.9	67.1	71.9	80.0	80.6	81.2	83.6	83.7	84.5	84.8	84.9	85.5	85.5	85.8	86.2
53.2	68.6	73.2	81.2	82.7	83.2	86.1	86.2	87.2	87.2	87.5	88.4	88.4	88.6	89.1
53.3	68.8	73.6	82.2	83.0	83.8	86.3	86.5	87.5	87.7	87.9	88.6	88.6	88.9	89.3
53.9	69.7	74.8	83.6	84.4	87.7	88.3	88.4	89.4	89.7	89.9	90.6	90.6	90.8	91.2
54.2	70.2	75.5	84.5	85.3	89.3	90.1	90.2	91.4	91.5	91.7	92.5	92.5	92.8	93.2
54.3	70.2	75.7	84.8	85.7	89.9	90.7	90.8	92.0	92.2	92.4	93.4	93.4	93.9	94.3
54.7	70.5	75.7	84.9	85.8	90.1	90.8	91.0	92.1	92.4	92.6	93.7	93.7	94.2	94.6
54.7	70.2	75.7	84.9	85.8	90.2	91.0	91.2	92.5	92.8	93.0	94.1	94.2	94.7	95.1
54.9	70.6	76.0	85.4	86.3	90.7	91.6	91.9	93.3	93.5	93.8	94.8	95.0	95.5	95.9
54.9	70.7	76.1	85.8	86.8	91.2	92.3	92.6	94.1	94.2	94.6	95.6	95.7	96.3	96.6
54.9	70.7	76.4	86.1	87.1	91.6	92.8	93.2	94.6	94.8	95.1	96.1	96.4	97.0	98.1
54.9	70.7	76.4	86.1	87.1	91.9	93.0	93.4	94.8	95.1	95.4	96.4	96.6	97.3	98.7
54.9	70.7	76.4	86.1	87.1	91.9	93.0	93.4	94.8	95.1	95.4	96.4	96.6	97.3	99.0
54.9	70.7	76.4	86.1	87.1	91.9	93.0	93.4	94.8	95.1	95.4	96.4	96.6	97.3	99.5
54.9	70.7	76.4	86.1	87.1	91.9	93.0	93.4	94.8	95.2	95.5	96.5	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 775



DATA COLLECTION REPORT  
 15AF ETAC  
 AIR FATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

4020 PYRDEK A. K. / CAMP DUNPHIPS 16-7-73-77

15AF

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

44.6	44.1	49.7	51.3	51.3	51.7	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
54.8	50.8	61.3	63.1	63.1	62.2	63.8	63.8	63.9	63.8	63.2	63.2	63.2	63.2	63.2	63.2
57.7	61.7	62.4	64.1	64.1	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
57.7	61.7	62.4	64.1	64.1	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
58.6	62.9	63.5	65.2	65.2	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
59.3	64.7	65.3	67.1	67.1	67.2	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
60.9	67.4	68.2	70.1	70.1	70.3	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
63.7	68.2	69.1	71.0	71.0	71.4	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
64.9	69.6	70.4	72.4	72.4	72.6	73.1	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
66.4	71.1	72.0	74.1	74.1	74.4	74.9	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
66.9	71.3	72.4	74.3	74.3	74.7	75.3	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
68.7	72.8	73.7	75.8	75.8	76.2	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
68.4	73.2	74.1	76.2	76.2	76.4	76.9	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
69.3	74.2	75.1	77.2	77.2	77.6	78.1	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7
70.7	76.0	76.9	79.0	79.0	80.0	80.5	80.5	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1
75.4	81.2	82.3	84.7	84.7	85.2	86.0	86.5	86.7	86.9	87.2	87.0	87.0	87.0	87.0	87.0
78.4	84.4	86.0	88.4	88.4	89.9	90.7	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
82.2	86.2	88.1	91.1	91.1	91.6	92.2	93.0	93.0	93.3	93.4	93.5	93.6	93.6	93.6	93.6
86.7	87.0	88.8	91.0	92.1	93.0	93.6	93.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1
91.7	88.1	89.2	92.2	93.4	94.3	94.8	94.8	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
92.2	89.0	90.9	94.3	94.8	95.9	96.4	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
92.7	89.8	91.5	95.2	95.8	96.9	97.6	97.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
92.9	89.9	91.3	95.4	96.0	97.0	97.7	97.7	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5
93.0	90.1	91.9	95.5	96.1	97.2	97.8	97.8	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
93.4	90.5	92.3	95.7	96.6	97.7	98.5	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
93.4	90.5	92.3	96.0	96.8	97.8	98.6	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
93.4	90.5	92.3	96.1	96.9	97.8	98.6	98.6	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7
93.4	90.5	92.3	96.1	97.0	97.8	98.6	98.6	99.1	99.5	99.7	99.9	99.9	99.9	99.9	99.9
93.4	90.5	92.4	96.3	97.7	98.5	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.4	90.5	92.4	96.3	97.2	98.5	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.4	90.5	92.4	96.3	97.2	98.5	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.4	90.5	92.4	96.3	97.2	98.5	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 776









ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 02-02-2001 BY 60322 UCBAW

415

0000-0000

TOTAL NUMBER OF OBSERVATIONS 26

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 04-08-2009 BY 60322 UCBAW/UC

## CEILING VERSUS VISIBILITY

632 *Journal of Ecology* 1996, 84, 629–637

..

[illegible]

230-4444

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 206

## CEILING VERSUS VISIBILITY

214

00(4-200)

195

WATER CESSNIP 15A 01  
1000 LTR  
1000 LTR SERVICE/1000

## CEILING VERSUS VISIBILITY

4221

RYD CLARK AND S / CA 1000 LTR

5-15-77

220

CEILING VERSUS VISIBILITY  
1000 LTR

2900-1100

44.1	43.1	49.6	53.1	54.3	54.7	54.0	54.0	54.0	54.1	54.1	54.0	54.0	54.0	54.0
54.3	54.0	59.0	63.1	63.2	61.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
63.0	59.0	61.2	64.0	63.5	61.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
64.0	59.7	61.3	65.0	65.6	61.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
64.6	60.2	61.7	65.3	66.1	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
67.4	61.1	62.2	66.7	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
67.3	63.4	65.1	69.1	67.9	71.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
67.2	64.3	66.1	70.3	72.2	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
67.6	67.3	68.8	73.2	71.8	71.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
61.4	68.2	70.0	74.4	75.2	71.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
62.2	68.3	70.6	75.1	75.8	71.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
63.0	70.9	72.1	77.2	78.0	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
64.1	71.1	72.9	77.3	78.1	78.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
65.2	72.5	74.5	77.1	78.1	78.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
65.6	72.4	75.0	79.3	80.7	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
67.3	73.1	75.1	82.2	84.0	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
69.0	76.7	80.0	85.2	86.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
69.0	77.7	80.9	86.4	87.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
71.1	73.9	82.1	88.1	89.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
71.0	71.8	83.0	89.1	90.8	91.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
72.7	80.8	84.1	90.2	92.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
72.8	81.3	84.7	91.1	92.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
73.2	81.0	85.1	91.0	92.5	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
73.7	82.1	85.0	92.3	94.4	96.5	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
73.9	82.4	85.4	92.7	95.0	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
74.1	82.0	86.2	93.3	95.6	97.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
74.1	82.7	86.3	93.4	95.7	97.9	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
74.1	82.7	86.3	93.4	95.7	97.9	98.3	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
74.1	82.7	86.3	93.4	95.7	97.9	98.3	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
74.1	82.7	86.3	93.4	95.7	97.9	98.3	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING TRACE  
USAF ETAC  
AIR LATER SERVICE/ AF

## CEILING VERSUS VISIBILITY

4821 PYROSTATK AD 51/04-P 000PHRIF5 00-70,73-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOUR 1 OBSERVATION

1200-1400

50.0	51.0	52.2	53.0	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
64.0	65.0	66.1	67.2	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
66.0	67.4	68.1	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
66.5	67.4	68.1	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
66.7	67.0	68.5	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
68.1	69.0	69.7	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
68.5	70.0	71.4	72.0	72.0	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
70.7	71.7	72.5	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
72.4	73.0	74.3	76.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
73.8	75.1	75.9	77.0	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
74.2	75.5	76.3	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
75.5	76.8	77.5	79.3	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
75.9	77.2	78.0	79.7	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
77.3	78.0	79.4	81.1	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
78.2	80.5	81.4	82.0	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
83.3	85.4	86.7	88.0	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
85.1	87.5	88.9	91.5	91.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
86.7	88.7	90.2	92.1	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
86.2	88.7	90.4	93.0	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
86.8	88.9	90.6	93.2	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
86.8	89.5	91.1	93.9	94.0	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
87.5	90.2	91.9	94.2	95.2	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
87.0	90.0	92.4	95.4	95.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
88.3	91.1	93.0	96.0	96.2	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
89.7	91.7	93.5	96.6	97.0	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
89.7	91.7	93.5	96.6	97.0	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
89.7	91.7	93.5	96.6	97.0	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
89.7	91.7	93.5	96.6	97.0	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
89.7	91.8	93.6	96.7	97.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
89.7	91.8	93.6	96.7	97.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
89.7	91.8	93.6	96.7	97.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
89.7	91.8	93.6	96.7	97.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
89.7	91.8	93.6	96.7	97.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 768





## CEILING VERSUS VISIBILITY

2000

2100-4302

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING SECTION  
USAF ETAC  
AIR FATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

4024 PYCUTALK 75 E/CAP 6 INPHICS 7-7 73-77

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM ALL PLYCUTALK OBSERVATIONS

ALL

47.0	49.3	50.7	53.0	53.3	55.7	53.8	53.8	54.0	54.1	54.1	54.2	54.2	54.2	54.4
56.3	59.3	60.9	63.4	63.9	64.2	64.3	64.3	64.5	64.6	64.6	64.7	64.7	64.7	65.2
67.5	60.5	62.1	64.5	65.7	65.4	65.5	65.5	65.7	65.8	65.8	65.9	65.9	65.9	66.2
67.5	60.9	62.2	64.6	65.0	65.2	65.5	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.2
67.1	61.2	62.8	65.3	65.6	65.1	65.2	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.7
67.5	62.7	64.3	66.7	67.2	67.7	67.8	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.5
61.8	65.1	66.8	69.6	71.7	71.5	73.6	73.6	75.8	76.7	76.9	77.0	77.0	77.0	77.3
62.7	66.1	67.9	70.2	71.1	71.0	71.7	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.4
64.7	68.3	70.1	73.1	73.6	74.2	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	75.0
65.9	69.7	71.3	74.0	75.0	75.7	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.5
66.6	70.5	72.3	75.4	75.9	76.6	76.6	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.4
67.7	71.4	73.3	76.4	77.3	78.0	78.1	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.8
68.1	72.2	74.1	77.3	77.8	78.5	78.6	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.3
69.4	73.6	75.7	79.1	79.6	80.4	80.4	80.4	80.6	80.7	80.7	80.8	80.8	80.8	81.1
70.5	74.7	76.4	80.3	80.9	81.6	81.7	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.4
73.1	77.7	80.2	84.1	84.9	85.8	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.6
74.4	79.3	82.1	86.4	87.2	88.4	88.4	88.5	88.7	88.8	88.8	88.9	88.9	88.9	89.2
75.2	80.1	82.9	87.6	88.6	90.0	90.1	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.9
75.2	80.2	83.0	87.7	89.7	91.1	90.2	90.2	90.4	90.5	90.6	90.7	90.7	90.7	91.0
75.5	80.9	83.4	88.5	89.6	91.3	91.4	91.4	91.6	91.8	91.8	91.9	91.9	91.9	92.2
76.1	81.1	83.9	89.1	90.3	92.1	92.3	92.3	92.6	92.8	92.8	92.9	92.9	92.9	93.2
76.8	82.0	84.9	90.4	91.6	93.8	93.8	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.8
76.9	82.3	85.4	90.9	92.1	94.1	94.4	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.4
77.2	82.9	85.6	91.2	92.6	94.7	94.9	95.0	95.2	95.3	95.4	95.7	95.7	95.7	96.0
77.6	83.0	86.1	91.9	93.2	95.4	95.6	95.7	96.1	96.4	96.4	96.5	96.5	96.5	96.8
77.7	83.2	86.2	92.2	93.6	95.9	96.2	96.3	96.7	96.9	96.9	97.2	97.2	97.2	97.6
77.7	83.4	86.3	92.6	94.1	95.7	97.0	97.1	97.5	97.8	97.8	98.1	98.1	98.1	98.5
77.7	83.4	86.4	92.7	94.3	95.9	97.2	97.4	97.9	98.2	98.2	98.5	98.5	98.5	98.9
77.7	83.4	86.6	92.7	94.4	97.0	97.4	97.6	98.1	98.2	98.5	98.9	98.9	98.9	99.3
77.7	83.4	86.6	92.7	94.4	97.0	97.4	97.6	98.1	98.2	98.5	98.9	98.9	98.9	99.6
77.7	83.4	86.6	92.7	94.4	97.0	97.4	97.6	98.1	98.2	98.5	98.9	98.9	98.9	99.6
77.7	83.4	86.6	92.7	94.4	97.0	97.4	97.6	98.1	98.2	98.5	98.9	98.9	98.9	99.6

TOTAL NUMBER OF OBSERVATIONS 3563

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5

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## CEILING VERSUS VISIBILITY

- 41

0304-5304

TOTAL NUMBER OF OBSERVATIONS 231

DATA FOR CEILING VERSUS VISIBILITY  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

# CEILING VERSUS VISIBILITY

4321 PINESTAKE ARMY CAMP, MINNAPHIPS

6-7, 73-77

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM MONTHLY OBSERVATIONS

0600-1300

35.0	43.1	45.1	49.1	49.8	51.1	50.2	50.2	55.5	50.0	51.4	50.0	50.6	50.6	50.7
45.6	50.3	52.8	56.2	57.8	51.2	58.6	58.6	58.9	59.1	59.0	59.0	59.0	59.0	59.2
46.5	51.3	53.8	57.8	58.3	51.2	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9
48.5	51.3	53.8	58.0	58.9	51.2	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.2
48.8	51.3	54.0	58.2	59.2	51.0	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.5
49.0	54.4	56.9	61.7	62.6	61.0	63.4	63.4	63.0	63.0	63.0	63.0	63.0	63.0	63.9
52.2	57.0	60.6	65.5	66.7	67.1	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	68.1
53.7	58.4	61.2	66.4	67.6	68.0	68.4	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.9
55.4	62.1	64.8	70.4	71.5	71.5	73.0	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.5
57.6	64.2	66.9	72.0	72.9	74.8	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	76.0
58.4	65.5	68.4	74.5	75.6	76.5	77.1	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.7
59.7	66.7	69.7	75.0	77.2	78.4	78.9	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.6
60.5	67.5	70.6	76.3	78.4	79.6	80.1	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.8
61.7	68.9	71.8	78.1	80.1	81.4	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.6
62.1	69.0	72.2	78.7	80.6	81.1	82.6	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.3
62.7	70.4	74.0	81.0	83.0	84.0	85.1	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.8
63.2	71.0	74.8	81.9	83.9	85.5	86.0	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.7
63.9	71.8	75.5	83.0	85.0	86.7	87.2	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.9
64.4	72.2	76.2	83.7	85.6	87.4	87.9	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.5
64.4	72.9	76.8	84.2	86.4	88.1	88.7	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.3
64.9	73.4	77.7	85.9	87.9	89.6	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.8
65.3	74.1	78.8	87.1	89.1	90.9	91.4	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.4
65.9	74.8	79.3	87.6	89.6	91.4	92.0	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.9
66.5	75.2	80.0	88.7	90.6	92.2	93.0	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.9
66.7	75.9	80.4	89.1	91.0	93.3	93.8	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.7
66.9	76.4	80.9	90.1	92.1	94.2	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.8
66.9	76.4	80.9	90.3	92.8	95.3	95.8	95.9	96.3	96.4	96.4	96.4	96.4	96.4	97.1
66.9	76.4	80.9	90.3	93.0	95.2	96.2	96.3	96.7	96.8	97.0	97.0	97.4	97.4	97.9
66.9	76.4	80.9	90.3	93.0	95.5	96.2	96.4	96.8	97.4	97.5	97.5	97.9	98.2	98.7
66.9	76.4	80.9	90.3	93.0	95.5	96.2	96.4	96.8	97.4	97.5	97.5	97.9	98.9	100.0
66.9	76.4	80.9	90.3	93.0	95.5	96.2	96.4	96.8	97.4	97.5	97.5	97.9	98.9	100.0
66.9	76.4	80.9	90.3	93.0	95.5	96.2	96.4	96.8	97.4	97.5	97.5	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 759

DATA PROCESSING BRANCH  
5040 ETC  
AIR MAILER SERVICE/REG

## CEILING VERSUS VISIBILITY

436. PIP, SILEX, AS, X-3/C, P, and PHENOL 6-7, 73-77

42

### PLANTING OF OCCURRENCE

0705-1160

[illegible]TOTAL NUMBER OF OBSERVATIONS 802

## CEILING VERSUS VISIBILITY

...

1200-1400

TOTAL NUMBER OF OBSERVATIONS 763

SAF FIAC 0-14-5 DLA, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

1502-1700

# REPORTS, ATTENDANCE OF OCCUPATIONAL INSTRUCTION INSPECTION

[illegible]

TOTAL NUMBER OF OBSERVATIONS 724

С. А. Давыдов, доктор физико-математических наук, профессор, заведующий кафедрой физики, Самарский государственный университет



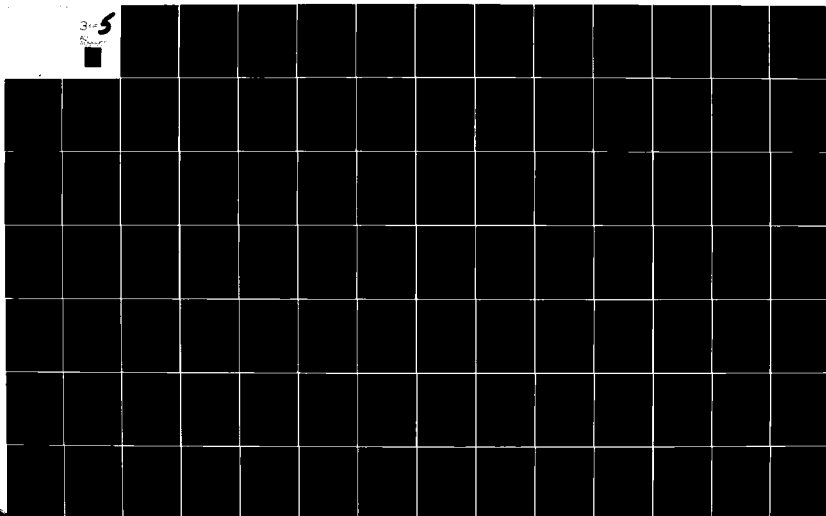
AD-A088 955

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
PYONGTAEK AB, CAMP HUMPHRIES, KOREA. REVISED UNIFORM SUMMARY OF--ETC(U)  
OCT 78  
USAFETAC/DS-80/081

UNCLASSIFIED

NL

3-5  
■



## CEILING VERSUS VISIBILITY

17

298

2100-2300

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

4322 PYONGTAEK AL K/CAMP HONPHRIPS

06-70, 73-77

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

50.7	52.7	53.5	55.1	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
52.8	62.7	63.5	65.4	65.7	65.9	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
60.3	63.3	64.1	66.0	66.3	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
60.6	62.0	64.4	66.4	66.6	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
61.2	64.1	65.0	66.9	67.2	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
63.7	66.9	67.8	69.8	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
67.1	70.5	71.4	73.0	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
67.9	71.4	72.3	74.2	74.9	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
70.1	74.2	75.1	77.0	78.0	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
71.4	75.9	76.8	79.4	79.9	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
72.2	76.6	77.6	80.5	81.0	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
73.3	77.7	78.8	81.7	82.3	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
73.8	78.4	79.4	82.4	83.0	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
75.0	79.4	80.4	84.1	84.8	85.1	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
75.7	80.6	81.8	85.0	85.9	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
77.1	82.3	83.9	87.4	88.4	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
78.1	83.6	85.1	88.9	89.9	90.4	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
78.7	84.3	85.9	89.8	90.8	91.5	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
78.8	84.5	86.1	90.0	91.0	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
79.6	85.3	87.2	91.2	92.3	93.0	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
80.1	86.2	87.9	92.2	93.3	94.1	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
80.6	86.8	88.6	92.9	94.1	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
80.9	87.1	88.9	93.3	94.5	95.3	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
81.3	87.5	89.4	94.0	95.1	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7
81.4	87.7	89.6	94.3	95.5	96.6	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
81.5	88.0	89.8	94.4	96.0	97.3	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
81.6	88.2	90.0	95.2	96.6	98.0	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
81.6	88.2	90.0	95.2	96.9	98.3	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2
81.7	88.3	90.1	95.3	96.9	98.3	98.7	98.8	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.5
81.7	88.3	90.1	95.3	97.0	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5
81.7	88.3	90.2	95.4	97.0	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5
81.7	88.3	90.2	95.4	97.0	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 3555



## CEILING VERSUS VISIBILITY

7,7 , 77

122

0300-4500

27.3	36.9	40.9	48.9	51.1	51.1	51.7	52.3	52.8	52.6	53.4	53.4	53.4	54.0	54.0
27.8	38.1	42.0	50.0	53.4	53.4	54.0	54.5	55.1	55.1	55.7	55.7	55.7	56.3	56.3
27.8	38.1	42.0	50.0	53.4	53.4	54.0	54.5	55.1	55.1	55.7	55.7	55.7	56.3	56.3
27.8	38.1	42.0	50.0	53.4	53.4	54.0	54.5	55.1	55.1	55.7	55.7	55.7	56.3	56.3
27.8	38.1	42.0	50.0	53.4	53.4	54.0	54.5	55.1	55.1	55.7	55.7	55.7	56.3	56.3
27.8	38.0	42.0	50.0	54.5	54.5	55.1	55.7	56.3	56.3	56.8	56.8	56.8	57.4	57.4
30.1	40.9	44.9	52.8	56.8	56.8	57.4	58.0	58.5	58.5	59.1	59.1	59.1	59.7	59.7
30.1	40.9	44.9	52.8	56.8	56.8	57.4	58.0	58.5	58.5	59.1	59.1	59.1	59.7	59.7
34.7	45.5	49.4	57.4	61.4	61.4	61.9	62.5	63.1	63.1	63.6	63.6	64.2	64.2	64.2
34.7	45.5	50.0	58.0	61.9	61.9	62.5	63.1	63.6	63.6	64.2	64.2	64.2	64.8	64.8
34.7	45.5	50.0	58.0	61.9	61.9	62.5	63.1	63.6	63.6	64.2	64.2	64.2	64.8	64.8
36.9	47.7	52.3	60.8	64.8	64.8	65.3	65.9	66.5	66.5	67.0	67.0	67.0	67.6	67.6
36.9	47.7	52.3	60.8	64.8	64.8	65.3	65.9	66.5	66.5	67.0	67.0	67.0	67.6	67.6
38.1	51.1	56.8	67.0	71.0	71.0	71.6	72.2	72.7	72.7	73.3	73.3	73.3	73.9	73.9
40.9	54.5	61.4	71.6	75.6	75.6	76.1	76.7	77.3	77.3	77.8	77.8	77.8	78.4	78.4
43.2	58.0	64.8	75.0	79.5	79.5	80.1	80.7	81.3	81.3	81.8	81.8	81.8	82.4	82.4
44.9	59.7	66.5	77.3	81.3	81.3	82.4	83.0	83.5	83.5	84.1	84.1	84.1	84.7	84.7
45.5	61.4	68.2	79.0	83.0	83.0	84.1	84.7	85.2	85.2	85.8	85.8	85.8	86.4	86.4
45.5	61.4	68.2	79.5	83.5	83.5	84.7	85.2	85.8	85.8	86.4	86.4	86.4	86.9	86.9
45.5	61.4	68.2	79.5	83.5	83.5	84.7	85.2	85.8	85.8	86.4	86.4	86.4	86.9	86.9
46.6	63.1	70.3	81.8	85.8	85.8	86.4	86.9	87.5	87.5	88.1	88.1	88.1	88.7	88.7
46.6	63.1	70.3	81.8	85.8	85.8	86.4	86.9	87.5	87.5	88.1	88.1	88.1	88.7	88.7
48.9	66.5	73.9	85.2	89.2	89.2	90.9	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	66.5	73.9	85.2	89.2	89.2	90.9	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	66.5	73.9	85.2	89.2	89.2	90.9	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	67.0	74.4	85.8	89.8	89.8	91.2	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	67.0	74.4	85.8	89.8	89.8	91.2	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	67.0	74.4	85.8	89.8	89.8	91.2	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	67.0	74.4	85.8	89.8	89.8	91.2	92.6	93.2	93.2	94.9	94.9	94.9	95.5	95.5
48.9	67.0	74.4</												

TOTAL NUMBER OF OBSERVATIONS 176

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

432 PYONGTAEK AD KO/CAMP HUMPHRIES 7-74, 73-77

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0000

23.3	28.1	31.9	35.0	37.1	38.4	38.6	38.7	39.0	39.7	39.2	39.3	39.5	39.5	39.6
25.3	32.2	36.2	40.7	42.4	43.7	43.9	44.2	44.5	44.8	44.8	45.1	45.2	45.2	45.4
27.4	33.3	37.2	41.9	43.6	45.1	45.2	45.5	45.8	46.1	46.1	46.4	46.6	46.6	46.9
27.4	33.3	37.2	42.1	43.7	45.4	45.5	45.8	46.1	46.4	46.4	46.7	46.9	46.9	47.2
27.7	33.7	37.7	42.7	44.3	46.0	46.1	46.4	46.7	47.0	47.0	47.4	47.5	47.5	47.8
28.0	34.2	38.2	44.0	45.8	47.0	48.1	48.4	48.7	49.1	49.1	49.3	49.5	49.5	49.8
31.0	37.5	41.5	46.6	48.4	50.5	50.7	51.0	51.3	51.6	51.6	51.9	52.0	52.0	52.3
31.5	38.0	41.9	47.0	48.9	51.0	51.1	51.4	51.7	52.0	52.0	52.3	52.5	52.5	52.8
34.6	41.6	45.8	51.6	53.4	55.8	56.0	56.3	56.7	57.0	57.0	57.3	57.5	57.5	57.8
36.8	44.2	48.6	55.1	57.0	59.6	59.8	60.1	60.5	60.8	60.8	61.1	61.3	61.3	61.6
36.9	44.3	48.9	55.3	57.9	60.5	60.7	61.0	61.4	61.7	61.7	62.0	62.2	62.2	62.5
39.0	46.6	51.0	58.5	60.7	63.2	63.4	63.7	64.3	64.6	64.6	64.9	65.1	65.1	65.4
39.3	46.9	51.3	58.9	61.0	63.5	63.7	64.0	64.6	64.9	64.9	65.2	65.4	65.4	65.7
40.1	48.1	52.3	60.5	62.6	65.2	65.4	65.7	66.3	66.6	66.6	66.9	67.0	67.0	67.3
40.8	49.6	54.5	62.5	64.6	67.2	67.5	67.8	68.5	68.8	68.8	69.1	69.3	69.3	69.6
42.4	51.2	56.7	65.7	67.9	70.3	70.8	71.1	72.0	72.3	72.3	72.6	72.8	72.8	73.4
43.7	53.4	58.5	67.8	70.0	72.6	72.9	73.2	74.1	74.4	74.4	74.7	74.9	74.9	75.5
44.8	55.1	60.4	70.0	72.3	75.2	75.5	75.8	76.9	77.2	77.2	77.5	77.6	77.6	78.2
44.9	55.2	60.7	70.3	72.8	75.5	75.8	76.1	77.2	77.5	77.5	77.8	77.9	77.9	78.5
45.8	56.3	61.9	72.8	75.2	78.1	78.4	78.7	79.7	80.0	80.0	80.3	80.5	80.5	81.1
47.2	57.6	63.7	74.7	77.5	80.8	81.4	81.7	82.8	83.1	83.1	83.4	83.5	83.5	84.1
48.0	58.7	64.8	76.9	79.6	82.9	83.8	84.1	85.2	85.5	85.5	85.9	86.1	86.1	86.7
48.1	59.0	65.1	77.8	80.6	84.3	85.3	85.6	86.7	87.0	87.0	87.4	87.6	87.6	88.2
49.0	61.9	67.0	80.0	83.1	87.0	88.4	88.8	90.2	90.5	90.5	90.9	91.1	91.1	91.7
49.2	61.9	68.1	81.1	84.1	88.2	90.5	91.2	92.6	92.9	92.9	93.3	93.5	93.5	94.1
49.3	62.0	68.4	81.5	84.9	89.3	91.7	92.4	93.8	94.4	94.4	94.9	95.0	95.0	95.6
49.3	62.0	68.4	81.8	85.3	90.2	92.6	93.3	94.7	95.3	95.3	95.8	95.9	95.9	96.5
49.3	62.3	68.7	82.1	85.8	90.9	93.5	94.3	95.8	96.4	96.4	96.8	97.0	97.0	97.6
49.3	62.5	68.8	82.3	86.1	91.2	93.9	94.7	96.4	97.3	97.4	97.9	98.0	98.2	98.8
49.3	62.5	68.8	82.3	86.1	91.4	94.4	95.2	96.8	97.7	97.9	98.3	98.5	98.6	99.4
49.3	62.5	68.8	82.3	86.1	91.4	94.4	95.2	96.8	97.7	97.9	98.3	98.5	98.8	99.8
49.3	62.5	68.8	82.3	86.1	91.4	94.4	95.2	96.8	97.7	97.9	98.3	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 661

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

4321 PYONGTAEY AB K /CAOP HUNPHRIES 7-7273-77

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS.

0900-1100

1000	39.5	44.3	44.5	46.6	47.2	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
900	45.1	50.0	50.1	53.4	53.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
800	45.2	50.1	50.7	53.2	54.5	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
700	45.2	50.1	50.7	53.2	54.9	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
600	45.5	50.0	51.1	54.0	55.7	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
500	46.4	51.2	52.2	56.1	57.3	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
400	49.4	54.9	55.5	59.9	61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
300	49.9	55.1	56.0	60.6	61.8	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
200	53.6	59.4	60.2	65.0	66.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
100	55.7	61.2	62.1	67.1	68.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
000	55.9	61.6	62.5	67.4	68.6	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
900	58.0	63.7	64.6	69.5	70.9	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
800	58.3	64.0	65.0	69.9	71.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
700	59.5	65.4	66.4	71.4	73.0	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
600	60.6	66.7	67.6	72.7	74.5	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
500	62.7	69.2	70.4	75.5	77.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
400	65.1	72.7	73.8	79.6	81.4	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
300	66.9	74.8	76.1	82.1	83.9	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
200	67.2	75.4	76.8	82.6	84.6	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
100	68.5	76.9	78.4	84.5	86.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
000	69.7	78.6	80.1	86.8	89.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
900	70.4	80.0	81.8	89.6	92.0	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
800	71.0	80.5	82.6	90.9	93.3	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
700	71.1	81.0	83.2	91.9	94.5	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
600	71.4	81.2	83.5	92.6	95.4	98.0	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
500	71.4	81.2	83.6	92.9	95.9	98.7	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6
400	71.4	81.4	83.8	93.1	96.2	99.0	99.4	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0
300	71.4	81.4	83.8	93.1	96.2	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
200	71.4	81.4	83.8	93.1	96.2	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
100	71.4	81.4	83.8	93.1	96.2	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
000	71.4	81.4	83.8	93.1	96.2	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 714

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

4221: POLISTAK AB W/ CAMP HUMPHRIES 67-70, 73-77

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

44.7	47.7	47.7	48.0	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
57.2	58.2	58.2	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
59.2	59.3	59.3	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
59.4	59.5	59.5	60.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
60.3	60.5	60.5	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
60.8	62.0	62.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
62.8	65.3	65.8	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
64.6	66.9	67.0	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
68.4	71.3	71.6	73.7	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
70.7	73.4	74.1	76.4	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
71.0	74.1	74.4	76.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
72.9	76.1	76.4	78.7	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
73.2	76.4	76.7	79.0	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
74.3	77.4	78.4	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
75.9	79.9	80.5	83.5	83.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
80.8	84.9	85.3	88.5	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
83.4	87.0	88.2	91.2	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
83.7	88.0	88.7	91.4	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
84.1	88.5	89.1	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
84.4	89.0	89.6	93.2	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
86.7	91.4	92.0	95.0	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
87.1	92.0	92.2	96.4	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
87.3	92.1	92.7	97.0	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
87.5	92.4	93.0	97.4	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
87.7	92.7	93.3	98.0	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
87.9	92.9	93.5	98.2	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
88.0	93.0	93.6	98.5	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
88.0	93.0	93.6	98.5	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
88.0	93.0	93.6	98.5	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.0	93.0	93.6	98.5	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.0	93.0	93.6	98.5	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.0	93.0	93.6	98.5	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 661



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAF

## CEILING VERSUS VISIBILITY

4321

RYDNCTAEK 75 K /CAPT HUMPHRIES

12/77

095

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

41.9	47.3	47.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
51.6	60.4	60.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
51.6	60.4	60.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
51.6	60.4	60.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
51.6	60.4	60.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
52.7	61.3	61.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
52.7	62.0	62.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
53.8	63.1	63.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
54.9	65.9	65.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
61.5	71.4	71.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
61.5	71.4	71.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
62.6	72.5	72.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
62.6	72.5	72.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
63.7	74.7	74.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
63.7	75.8	75.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
63.7	76.9	76.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
63.7	76.9	76.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
63.7	76.9	76.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
64.8	78.0	78.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
64.8	78.0	78.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
69.2	82.4	82.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
69.2	82.4	82.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
69.2	82.4	82.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
69.2	82.4	82.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
69.2	82.4	82.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.2	82.4	82.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 91

2.

11

!

17

1994

•

2100-2300

!

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

4321 PYROSTAT AD K/CAMP HUMPHRIES 7-7273-77

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

37.9	42.5	43.6	46.1	46.8	47.1	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
45.6	49.9	50.9	54.1	54.8	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
46.0	50.3	51.4	54.8	55.5	57.0	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
46.2	50.5	51.5	55.0	55.9	55.4	56.5	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
46.9	51.1	52.4	55.9	56.7	57.2	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
47.3	52.3	53.1	57.4	58.3	58.9	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
50.9	55.7	56.9	60.9	61.9	62.5	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
51.5	56.4	57.6	61.7	62.7	63.3	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
55.2	60.3	61.9	66.3	67.3	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
57.6	63.3	64.5	69.2	70.2	71.2	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
57.8	63.3	64.7	69.0	70.7	71.6	71.8	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
59.6	65.1	66.5	71.0	72.7	73.7	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
60.1	65.6	67.1	72.1	73.2	74.2	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
61.4	67.3	69.1	74.4	75.6	76.6	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
62.7	69.1	70.9	76.4	77.7	78.6	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
65.2	72.3	74.0	80.0	81.3	82.3	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
67.2	74.0	76.5	82.7	84.0	85.1	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
68.1	75.8	77.8	84.2	85.5	86.7	86.9	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
68.4	76.2	78.2	84.6	85.9	87.1	87.4	87.5	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
69.1	77.1	79.2	86.0	87.4	88.7	89.0	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
70.8	78.9	81.2	88.3	89.8	91.2	91.6	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
71.4	79.9	82.1	89.9	91.6	93.1	93.7	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
71.8	80.3	82.8	90.7	92.4	94.0	94.6	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
72.1	81.1	83.5	91.6	93.4	95.1	95.8	95.9	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
72.2	81.3	83.7	92.1	93.9	95.8	96.7	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
72.4	81.4	83.9	92.5	94.5	96.5	97.5	97.7	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
72.4	81.5	84.0	92.6	94.7	96.9	97.9	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
72.4	81.6	84.1	92.7	94.9	97.1	98.2	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
72.4	81.6	84.1	92.8	95.0	97.2	98.3	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
72.4	81.6	84.1	92.8	95.0	97.2	98.4	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
72.4	81.6	84.1	92.8	95.0	97.2	98.4	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
72.4	81.6	84.1	92.8	95.0	97.2	98.4	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 3102

## CEILING VERSUS VISIBILITY

7

10

0000-0000

TOTAL NUMBER OF OBSERVATIONS 93

## CEILING VERSUS VISIBILITY

$$h = 51, 70, 77$$

22

0300-4500

16.4	23.1	24.8	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.7	28.5
16.4	27.3	28.9	32.2	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	34.7
16.4	27.3	28.9	32.2	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.5	34.7
20.2	28.1	29.8	33.1	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.3	35.2
20.7	28.9	30.6	34.3	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.5	36.6
21.5	29.8	31.4	35.5	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	37.2	38.4
24.8	33.9	36.0	40.5	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.6	44.2
25.6	34.7	37.0	42.1	43.4	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.6	46.3
26.0	36.0	38.1	43.3	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.5	47.9
27.9	38.4	41.1	46.3	47.9	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.2	50.8
27.7	39.7	42.6	47.5	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.4	52.1
30.2	40.3	43.4	48.8	50.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.7	53.2
30.7	40.9	44.2	49.2	50.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.1	53.7
31.8	42.6	45.9	50.8	52.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.1	55.8
31.9	44.0	48.3	53.3	55.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.6	58.3
32.0	50.0	53.7	59.3	61.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.6	65.3
43.0	55.4	59.1	65.3	67.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.4	71.1
47.8	60.3	64.0	70.7	72.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	75.2	76.9
49.6	63.2	66.9	74.0	76.4	77.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.9	80.6
52.8	67.4	71.3	79.3	82.2	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.7	86.4
53.3	69.0	73.1	82.0	85.1	86.8	86.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.0	89.7
54.1	70.2	74.4	85.3	88.4	90.1	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.3	93.0
54.5	71.1	75.6	86.8	89.7	91.3	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.6	94.2
54.8	71.3	76.4	88.0	91.3	93.0	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.2	95.9
55.0	71.9	76.9	88.4	91.7	93.4	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.6	96.3
55.0	72.3	77.3	88.8	92.1	94.2	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.5	97.1
55.4	72.7	77.7	89.7	93.4	95.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	98.8
55.4	72.7	78.1	90.1	93.8	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.9	99.6
55.4	72.7	78.1	90.1	93.8	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.9	99.6
55.4	72.7	78.1	90.1	93.8	96.7	96.7	96.7	97.9	97.9	97.9	97.9	97.9	97.9	98.3	100.0
55.4	72.7	78.1	90.1	93.8	96.7	96.7	96.7	97.9	97.9	97.9	97.9	97.9	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 242

DATA PROCESSING BRANCH  
USAF ETAC  
AIR TAIPLER SERVICE/MAC

## CEILING VERSUS VISIBILITY

4321 PYROGLACK ABN/CAMP HUMPHRIES 16-72-73-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

12.3	14.5	15.2	17.9	18.7	1.6	19.7	19.7	20.4	20.5	20.6	20.6	20.8	20.8	20.9
14.7	17.4	18.5	22.1	23.4	21.2	24.8	24.8	25.4	25.5	25.7	25.7	25.8	25.8	26.1
14.7	17.4	18.5	22.3	23.5	21.0	24.9	24.9	25.5	25.7	25.8	25.8	25.9	25.9	26.2
14.8	17.5	18.6	22.5	23.6	21.8	25.0	25.0	25.7	25.7	25.9	25.9	26.1	26.1	26.3
15.9	18.6	19.6	23.5	24.6	21.8	26.1	26.1	26.7	26.6	27.0	27.0	27.1	27.1	27.4
17.1	21.0	22.2	26.5	27.6	21.2	29.4	29.4	30.2	30.3	30.5	30.5	30.6	30.6	30.8
21.7	24.3	25.5	30.2	31.9	31.5	34.5	34.5	35.2	35.4	35.5	35.5	35.6	35.6	35.9
22.1	25.3	26.7	31.6	33.3	31.1	36.1	36.1	36.9	37.0	37.2	37.2	37.3	37.3	37.5
24.0	27.6	29.4	34.6	36.3	31.1	39.2	39.2	40.1	40.3	40.4	40.4	40.5	40.5	40.8
25.3	30.2	32.4	37.7	39.7	41.7	43.0	43.0	43.9	44.0	44.1	44.1	44.3	44.3	44.5
27.4	31.5	33.7	39.2	41.3	41.4	44.6	44.6	45.5	45.7	45.8	45.8	45.9	45.9	46.2
28.4	32.8	35.0	40.8	43.0	43.4	46.7	46.7	47.6	47.7	47.9	47.9	48.0	48.0	48.3
29.4	33.9	36.1	42.2	44.4	45.8	48.1	48.1	49.0	49.2	49.3	49.3	49.4	49.4	49.7
31.9	36.6	39.2	46.1	48.5	51.1	52.4	52.4	53.3	53.4	53.5	53.5	53.7	53.7	53.9
32.7	37.0	39.7	47.1	49.5	52.3	53.5	53.5	54.5	54.6	54.7	54.7	54.8	54.8	55.1
36.5	41.8	44.3	53.7	56.3	57.1	60.8	60.8	61.8	61.9	62.1	62.1	62.2	62.2	62.5
39.9	45.4	48.6	57.8	60.5	61.7	65.5	65.5	66.7	66.8	67.0	67.0	67.1	67.1	67.4
44.6	51.0	54.8	64.8	67.6	71.1	72.9	72.9	74.1	74.2	74.3	74.3	74.5	74.5	74.7
45.2	51.7	55.7	65.9	68.9	72.4	74.2	74.2	75.4	75.5	75.6	75.6	75.7	75.7	76.0
47.0	53.2	58.1	69.0	72.1	74.5	78.3	78.3	79.7	79.9	80.0	80.0	80.1	80.1	80.4
49.0	57.0	61.7	73.3	76.9	81.1	84.0	84.1	85.7	85.8	85.9	85.9	86.1	86.1	86.3
49.7	58.3	63.4	75.2	79.1	84.5	86.6	86.7	88.4	88.5	88.6	88.6	88.9	88.9	89.2
49.7	58.3	63.6	75.5	79.5	85.0	87.1	87.4	89.2	89.3	89.4	89.5	89.7	89.7	89.9
50.2	59.2	64.8	77.4	81.5	87.1	89.2	89.5	91.4	91.9	92.0	92.1	92.3	92.3	92.5
50.7	60.0	65.8	78.8	83.0	85.6	91.0	91.2	93.0	93.5	93.7	93.8	93.9	93.9	94.2
50.7	60.0	65.8	79.1	83.4	87.7	92.3	92.5	94.3	94.8	95.1	95.4	95.5	95.5	95.7
51.7	60.6	66.6	80.1	84.5	91.1	93.8	94.1	96.1	96.8	97.0	97.3	97.4	97.4	97.8
51.7	60.6	66.6	80.4	84.8	91.4	94.2	94.6	96.6	97.5	97.8	98.1	98.3	98.3	98.8
51.7	60.6	66.6	80.4	84.8	91.4	94.3	94.7	97.2	98.2	98.5	98.7	99.0	99.0	99.6
51.7	60.6	66.6	80.4	84.8	91.4	94.3	94.7	97.2	98.2	98.5	98.7	99.0	99.0	99.9
51.7	60.6	66.6	80.4	84.8	91.4	94.3	94.7	97.2	98.2	98.5	98.7	99.0	99.0	99.9
51.7	60.6	66.6	80.4	84.8	91.4	94.3	94.7	97.2	98.2	98.5	98.7	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 775

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AFAC

## CEILING VERSUS VISIBILITY

4224 PROJECT/ACT NO. K1/CAMP HUNPHRIES 66-72273-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0900-1100

18.6	20.8	21.0	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
25.3	29.0	29.2	30.5	30.7	31.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
25.3	29.0	29.2	30.5	30.7	31.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
25.4	29.1	29.4	30.7	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
26.2	30.0	30.3	31.7	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
29.5	32.9	33.3	34.3	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
32.8	37.6	38.0	39.7	39.8	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
33.3	38.1	38.5	40.2	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
36.4	41.5	41.9	43.9	44.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
39.2	44.9	45.0	47.4	47.5	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
40.7	46.3	46.7	49.1	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
42.7	47.7	48.0	50.7	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
42.4	48.0	48.4	51.4	52.1	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
44.7	50.0	51.0	54.2	54.9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
45.7	51.7	52.1	55.7	56.4	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
50.9	57.2	57.5	62.5	63.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
56.1	62.9	63.4	68.0	69.7	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
61.5	68.8	69.3	74.9	76.3	77.8	78.5	78.5	78.5	78.7	78.7	78.9	78.9	78.9	78.9
63.1	70.6	71.5	76.9	78.3	79.9	80.6	80.7	80.7	81.0	81.0	81.1	81.1	81.1	81.1
65.1	73.3	74.3	80.0	81.7	83.5	84.4	84.5	84.9	85.1	85.1	85.3	85.3	85.3	85.3
67.3	76.9	78.7	84.8	86.6	88.7	89.6	89.7	90.0	90.3	90.3	90.4	90.4	90.4	90.4
68.4	78.4	80.4	86.7	88.8	91.0	92.0	92.1	92.6	93.0	93.0	93.1	93.1	93.1	93.1
69.7	79.6	81.7	88.0	90.0	92.4	93.4	93.5	94.1	94.5	94.5	94.6	94.6	94.6	94.6
70.4	80.4	83.0	89.8	91.9	94.7	95.7	95.8	96.4	96.8	96.8	96.9	96.9	96.9	96.9
70.6	81.1	83.4	90.3	92.4	95.8	96.8	96.9	97.5	97.9	97.9	98.0	98.0	98.0	98.0
71.0	81.7	84.2	91.3	93.4	96.7	97.9	98.0	98.6	99.0	99.0	99.1	99.1	99.1	99.1
71.1	81.8	84.3	91.4	93.5	97.1	98.3	98.4	99.0	99.4	99.4	99.5	99.5	99.5	99.5
71.1	81.8	84.3	91.4	93.6	97.4	98.6	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0
71.1	81.8	84.3	91.4	93.6	97.4	98.6	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0
71.1	81.8	84.3	91.4	93.6	97.4	98.6	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0
71.1	81.8	84.3	91.4	93.6	97.4	98.6	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0
71.1	81.8	84.3	91.4	93.6	97.4	98.6	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS P14

DATA PROCESSING TRANSFER  
USAF ETAC  
AIR WEATHER SERVICE/AF

## CEILING VERSUS VISIBILITY

4321 PONTIAC AB KJ/CAMP HUMPHRIES 66-71, 73-77

JVL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

28.6	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
27.6	38.2	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
38.0	38.0	38.7	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
38.0	38.4	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
39.5	40.3	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
42.2	42.4	43.5	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
47.0	48.4	48.6	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
48.7	50.1	50.3	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
52.7	54.4	54.5	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
54.7	56.2	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
55.2	57.0	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
56.1	58.0	58.2	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
56.9	58.9	59.1	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
62.7	62.3	62.9	64.2	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
61.1	63.5	63.7	65.7	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
63.3	70.2	71.2	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
74.6	77.3	77.7	80.2	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
79.9	83.3	83.7	86.7	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
80.3	83.7	84.1	87.0	87.3	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
82.4	86.0	86.5	89.4	90.2	90.9	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
84.6	88.7	89.5	92.9	93.3	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
95.5	89.8	90.9	94.6	95.1	96.0	96.4	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
85.8	90.0	91.3	94.9	95.5	96.4	96.8	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
86.1	90.4	91.7	95.3	95.9	96.8	97.2	97.3	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
86.7	90.9	92.4	96.1	96.6	97.7	98.1	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
86.9	91.3	93.1	96.9	97.4	98.4	98.8	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
86.9	91.3	93.3	97.2	97.7	98.7	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
86.9	91.3	93.3	97.2	97.7	98.7	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
86.9	91.3	93.3	97.2	97.7	98.7	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
86.9	91.3	93.3	97.2	97.7	98.7	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
86.9	91.3	93.3	97.2	97.7	98.7	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 772







DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

43210 PYONGTAEK AB S/CAMP THOMPSON 6-7, 73-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

23.3	25.5	25.8	26.9	27.1	27.3	27.4	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.7
32.3	33.7	34.1	35.8	36.1	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.7	36.7	36.8
31.1	33.9	34.4	36.1	36.4	36.7	36.7	36.7	36.9	36.9	36.9	36.9	37.0	37.0	37.1
31.2	34.1	34.5	36.2	36.5	36.6	36.9	36.9	37.0	37.0	37.1	37.1	37.1	37.1	37.3
32.4	35.4	35.8	37.7	38.0	38.3	38.4	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.8
34.9	38.2	38.7	40.7	41.1	41.2	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.9	42.0
35.4	43.1	43.6	46.1	46.5	47.0	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.5	47.7
40.5	44.2	44.8	47.2	47.7	48.3	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.8	48.9
43.4	47.4	48.1	50.6	51.1	51.7	51.9	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.4
45.5	49.4	50.4	53.1	53.7	54.3	54.6	54.6	54.8	54.8	54.8	54.8	54.9	54.9	55.1
46.4	50.7	51.5	54.3	54.8	55.4	55.7	55.7	55.9	56.0	56.0	56.0	56.0	56.1	56.2
47.5	52.1	52.7	55.8	56.6	57.3	57.6	57.6	57.8	57.8	57.9	57.9	57.9	57.9	58.1
48.1	52.6	53.4	56.5	57.3	58.1	58.4	58.4	58.6	58.6	58.6	58.6	58.7	58.7	58.9
50.5	55.4	56.3	59.8	60.6	61.4	61.8	61.8	62.0	62.0	62.0	62.0	62.1	62.1	62.3
51.7	56.7	57.7	61.3	62.1	63.0	63.3	63.3	63.5	63.6	63.6	63.6	63.6	63.7	63.8
57.4	62.7	63.8	68.2	69.1	70.1	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.9	71.1
62.7	67.5	68.6	73.2	74.2	75.4	75.8	75.8	76.1	76.1	76.2	76.2	76.2	76.3	76.5
64.4	72.4	73.7	78.7	79.8	81.1	81.7	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.4
67.7	73.4	74.4	79.9	81.0	83.4	83.0	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.7
69.3	75.2	77.4	82.9	84.2	85.9	86.5	86.5	87.0	87.1	87.1	87.1	87.2	87.2	87.4
71.7	78.5	80.4	86.3	87.8	89.7	90.4	90.5	91.0	91.1	91.1	91.1	91.2	91.2	91.4
71.8	79.7	81.8	88.1	89.8	91.8	92.6	92.7	93.4	93.5	93.6	93.6	93.7	93.7	93.9
72.2	80.2	82.5	88.9	90.5	92.6	93.4	93.6	94.3	94.4	94.5	94.6	94.6	94.6	94.8
72.4	80.8	83.2	89.9	91.6	93.9	94.7	94.8	95.6	95.8	95.9	95.9	96.0	96.0	96.2
72.7	81.1	83.7	90.5	92.2	94.7	95.6	95.7	96.5	96.7	96.8	96.9	96.9	96.9	97.1
73.1	81.2	84.2	91.2	93.1	95.8	96.8	96.9	97.7	97.8	97.9	98.1	98.1	98.1	98.3
73.4	81.8	84.5	91.7	93.6	96.5	97.5	97.7	98.5	98.7	98.8	98.9	98.9	99.0	99.2
73.4	81.8	84.5	91.8	93.7	96.7	97.8	98.0	98.8	99.1	99.2	99.3	99.4	99.4	99.7
73.4	81.8	84.5	91.8	93.7	96.7	97.9	98.0	98.9	99.3	99.4	99.5	99.6	99.6	99.9
73.4	81.8	84.5	91.8	93.7	96.8	97.9	98.0	99.0	99.3	99.4	99.6	99.6	99.6	100.0
73.4	81.8	84.5	91.8	93.7	96.8	97.9	98.0	99.0	99.3	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3618



DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/PAO

## CEILING VERSUS VISIBILITY

4321 PYONGTAE ABN/CAMP HUMPHRIES

66-67, 70, 76-77

AVC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

37.5	47.0	39.7	45.0	45.6	45.0	46.4	46.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	48.1
43.0	43.0	45.1	51.1	51.1	51.5	51.9	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.6
48.0	43.0	45.1	51.1	51.1	51.5	51.9	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.6
48.0	43.0	45.1	51.1	51.1	51.5	51.9	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.6
48.0	43.0	45.0	51.5	51.9	51.3	52.7	52.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.4
40.5	40.0	48.5	54.4	55.3	55.7	56.1	56.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
43.5	48.9	51.5	57.8	58.2	58.6	59.1	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.8
44.7	50.2	52.7	59.1	59.5	59.9	60.3	60.3	61.2	61.2	61.2	61.2	61.2	61.2	61.2	62.1
48.9	55.3	57.8	64.0	65.4	65.8	66.2	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.9
51.1	57.4	59.9	66.7	67.5	67.9	68.4	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	70.0
52.3	58.6	61.2	67.7	68.3	68.7	69.6	69.6	70.5	70.5	70.5	70.5	70.5	70.5	70.5	71.3
53.2	59.5	62.0	69.0	70.5	70.9	71.3	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.0
55.3	61.6	64.1	72.2	73.0	73.4	73.8	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.5
56.1	63.3	66.2	74.7	75.5	75.9	76.4	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	78.1
57.7	64.1	67.1	75.5	76.4	76.8	77.2	77.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.9
57.4	64.0	68.4	77.2	78.5	78.7	80.2	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.9
60.8	68.4	72.2	81.4	83.1	83.8	85.2	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.9
61.6	69.6	74.3	84.3	85.7	87.3	87.8	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.5
62.0	70.0	74.7	84.8	86.5	88.2	88.6	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	90.3
62.0	70.0	74.7	84.8	86.5	88.2	88.6	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	90.3
62.9	72.2	76.8	88.2	89.9	91.0	92.0	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.7
62.9	72.2	76.8	88.2	89.9	92.0	92.8	92.8	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.9
62.9	72.2	76.8	88.2	89.9	92.0	92.8	92.8	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.9
62.9	72.2	76.8	88.6	90.3	92.4	93.2	93.2	94.1	94.1	94.1	94.1	94.5	94.5	94.5	95.4
62.9	72.2	76.8	88.6	90.3	92.4	93.2	93.2	94.1	94.1	94.1	94.1	94.5	94.5	94.5	95.4
62.9	72.2	77.2	89.0	90.7	91.8	93.7	93.7	94.5	94.5	94.5	94.5	94.9	94.9	94.9	95.8
62.9	73.0	77.6	89.5	91.6	93.7	94.5	94.5	95.4	95.4	95.4	95.4	96.0	96.0	96.0	97.5
62.9	73.0	77.6	89.5	91.6	93.7	94.5	94.5	95.4	95.4	95.4	95.4	96.0	96.0	96.0	97.5
62.9	73.0	77.6	89.5	92.0	94.1	94.9	94.9	95.8	95.8	95.8	95.8	97.5	97.5	97.5	98.7
62.9	73.0	77.6	89.5	92.0	94.1	94.9	94.9	95.8	95.8	95.8	95.8	97.5	97.5	97.5	99.2
62.9	73.0	77.6	89.5	92.0	94.1	94.9	94.9	95.8	95.8	95.8	95.8	97.5	97.5	97.5	99.2
62.9	73.0	77.6	89.5	92.0	94.1	94.9	94.9	95.8	95.8	95.8	95.8	97.5	97.5	97.5	99.2
62.9	73.0	77.6	89.5	92.0	94.1	94.9	94.9	95.8	95.8	95.8	95.8	97.5	97.5	97.5	99.2

TOTAL NUMBER OF OBSERVATIONS 237

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

4321 PYRENEAN ADK./CAMP HUMPHRIES 66-70273-77

AVE

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-2400

21.9	25.3	26.8	29.4	31.4	32.8	32.8	32.9	33.2	33.2	33.2	33.2	33.2	33.4	33.5
25.2	28.2	30.7	33.5	35.5	36.9	36.9	37.0	37.4	37.2	37.5	37.5	37.7	37.9	38.2
25.2	28.9	30.7	33.5	35.5	36.9	36.9	37.0	37.4	37.5	37.5	37.5	37.7	37.9	38.2
25.2	28.9	30.7	33.5	35.5	36.9	36.9	37.0	37.4	37.2	37.5	37.5	37.7	37.9	38.2
25.3	29.0	30.8	33.9	35.9	37.3	37.3	37.4	37.8	38.2	38.2	38.2	38.3	38.5	38.6
27.2	31.5	33.4	36.9	38.9	40.4	40.6	40.7	41.1	41.4	41.4	41.4	41.6	41.8	42.1
30.4	35.5	37.7	41.7	43.8	45.4	45.7	45.8	46.2	46.6	46.8	46.8	46.9	47.2	47.4
31.7	36.4	38.5	42.0	44.7	46.4	46.7	46.8	47.2	47.6	47.8	47.8	47.9	48.2	48.4
35.3	41.1	43.6	49.2	51.3	53.3	53.7	53.8	54.3	54.7	55.1	55.1	55.2	55.4	55.6
36.2	42.2	44.8	50.8	53.1	55.2	55.6	55.7	56.2	56.6	56.9	56.9	57.1	57.3	57.7
36.9	42.7	45.3	51.6	53.8	55.9	56.3	56.4	56.9	57.6	57.7	57.7	57.8	58.1	58.4
37.4	43.6	46.3	52.0	54.8	56.9	57.3	57.4	57.9	58.6	58.7	58.7	58.8	59.1	59.4
38.9	45.1	47.8	54.1	56.3	58.4	58.8	58.9	59.4	60.1	60.2	60.2	60.3	60.6	61.0
41.1	47.4	50.3	57.1	59.3	61.5	61.8	62.0	62.6	63.2	63.3	63.3	63.5	63.7	64.1
42.6	49.1	51.9	58.9	61.2	63.3	63.8	64.0	64.6	65.2	65.3	65.3	65.5	65.7	66.1
45.6	52.8	56.2	63.8	66.2	69.1	69.6	69.7	70.5	71.1	71.2	71.2	71.3	71.6	72.0
47.7	55.7	59.2	67.0	70.0	72.2	73.8	74.0	75.0	75.6	75.7	75.7	75.8	76.1	76.5
49.4	57.8	61.8	71.3	73.7	77.2	78.1	78.2	79.3	80.0	80.2	80.2	80.4	80.6	81.1
50.1	58.4	62.7	72.3	74.7	78.2	79.2	79.5	80.6	81.2	81.5	81.5	81.6	81.9	82.4
51.7	60.2	64.6	74.5	76.8	80.4	81.4	81.9	83.1	83.9	84.1	84.1	84.2	84.5	85.0
52.4	61.3	66.1	76.1	78.6	82.2	83.5	84.0	85.2	86.1	86.4	86.5	86.6	86.9	87.4
53.6	62.8	67.5	78.3	80.9	84.9	86.2	86.7	88.2	89.4	89.6	89.9	90.0	90.2	90.7
53.8	62.8	67.7	78.6	81.1	85.1	86.5	87.0	88.5	89.6	89.9	90.1	90.2	90.5	91.0
57.8	62.8	68.0	79.1	81.5	86.1	87.5	88.0	89.5	90.6	90.9	91.1	91.2	91.5	92.0
53.8	62.8	68.0	79.1	81.9	87.1	88.5	89.0	90.5	91.6	91.9	92.1	92.2	92.5	93.0
57.8	62.8	68.2	79.3	82.2	87.9	89.5	90.2	91.7	93.4	93.6	94.0	94.1	94.4	94.9
53.8	63.1	68.2	80.0	83.0	89.0	90.6	91.4	93.0	94.7	95.0	95.5	95.6	96.0	96.5
57.8	63.1	68.2	80.1	83.1	89.1	90.9	91.6	93.4	95.2	95.5	96.0	96.1	96.5	97.0
53.8	63.1	68.2	80.1	83.1	89.2	91.0	92.1	93.9	96.0	96.2	96.7	96.9	97.4	98.4
57.8	63.1	68.2	80.1	83.1	89.2	91.0	92.1	94.1	96.2	96.5	97.0	97.1	97.7	99.5
57.8	63.1	68.2	80.1	83.1	89.2	91.0	92.1	94.1	96.2	96.5	97.0	97.1	98.0	99.7
57.8	63.1	68.2	80.1	83.1	89.2	91.0	92.1	94.1	96.2	96.5	97.0	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799













DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AF

## CEILING VERSUS VISIBILITY

432 PYROCLASTIC AS K/CAMP HUMPHRIES

77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

41.1	43.3	43.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
51.1	51.1	51.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
51.1	51.1	51.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
56.7	56.7	56.7	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
56.7	56.7	56.7	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
68.9	68.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
71.1	71.1	71.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
71.1	71.1	71.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
73.3	73.3	73.3	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
73.3	73.3	73.3	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
75.6	75.6	75.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
75.6	75.6	75.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
75.6	75.6	75.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
75.6	75.6	75.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
77.8	77.8	77.8	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
77.8	77.8	77.8	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
77.8	77.8	77.8	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
78.9	78.9	78.9	93.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
78.9	78.9	78.9	93.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
80.0	80.0	80.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
80.0	80.0	80.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
80.0	80.0	80.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
80.0	80.0	80.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
80.0	80.0	80.0	95.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
80.0	80.0	80.0	95.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
80.0	80.0	80.0	95.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
80.0	80.0	80.0	95.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
80.0	80.0	80.0	95.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

42210 PYONGTAEK AB K. CAMP THURSDAY

06-07-1971

DATA

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

37.3	40.3	41.3	47.3	48.3	48.8	52.2	52.2	53.7	54.2	54.7	54.2	54.2	54.2	54.2	54.2
41.3	44.3	45.3	51.7	53.7	53.7	57.2	57.2	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2
41.3	44.3	45.3	51.7	53.7	54.7	57.2	57.2	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2
41.3	44.3	45.3	51.7	53.7	54.7	57.2	57.2	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2
41.3	44.3	45.3	51.7	53.7	54.7	57.2	57.2	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2
41.3	44.3	45.3	51.7	53.7	54.7	57.2	57.2	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2
43.8	47.3	48.3	55.7	57.7	58.7	61.2	61.2	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2
43.8	47.3	48.3	55.7	57.7	58.7	61.2	61.2	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2
49.8	53.2	54.2	61.7	63.7	64.7	67.2	67.2	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2
50.7	54.7	55.7	63.2	65.2	66.2	68.7	68.7	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6
52.2	56.2	57.2	64.7	66.7	67.7	70.1	70.1	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1
53.7	57.7	58.7	66.2	68.2	69.2	71.6	71.6	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6
53.7	57.7	58.7	66.7	68.7	69.7	72.1	72.1	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1
54.2	58.2	59.2	67.7	69.7	70.7	73.1	73.1	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1
56.2	60.2	61.2	70.1	72.1	73.1	75.6	75.6	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6
59.2	63.2	64.7	73.6	75.6	76.6	80.1	80.1	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1
59.7	63.7	65.2	75.1	77.1	78.1	82.1	82.1	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1
61.7	66.7	68.7	79.6	82.6	83.6	88.1	88.1	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1
62.2	67.7	69.7	80.6	84.1	85.1	89.6	89.6	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5
62.7	69.2	71.1	82.1	85.6	86.6	91.0	91.0	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0
62.7	69.2	71.1	82.1	86.1	87.1	91.5	91.5	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5
62.7	69.2	71.1	82.1	86.1	87.1	92.0	92.0	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
62.7	69.2	71.1	82.1	86.1	87.1	92.5	92.5	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
63.2	69.7	71.6	82.6	86.6	87.6	91.0	91.0	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0
63.2	69.7	71.6	82.6	86.6	87.6	91.5	91.5	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5
63.2	69.7	71.6	82.6	86.6	87.6	92.0	92.0	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
63.2	69.7	71.6	82.6	86.6	87.6	92.5	92.5	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
63.2	69.7	71.6	82.6	86.6	87.6	93.0	93.0	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
63.2	69.7	71.6	82.6	86.6	87.6	93.5	93.5	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5
63.2	69.7	71.6	82.6	86.6	87.6	94.0	94.0	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
63.2	69.7	71.6	82.6	86.6	87.6	94.5	94.5	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
63.2	69.7	71.6	82.6	86.6	87.6	95.0	95.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0
63.2	69.7	71.6	82.6	86.6	87.6	95.5	95.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
63.2	69.7	71.6	82.6	86.6	87.6	96.0	96.0	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
63.2	69.7	71.6	82.6	86.6	87.6	96.5	96.5	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
63.2	69.7	71.6	82.6	86.6	87.6	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
63.2	69.7	71.6	82.6	86.6	87.6	97.5	97.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
63.2	69.7	71.6	82.6	86.6	87.6	98.0	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 201

DATA PROCESSING BRANCH  
USAF ETAG  
AIR CARRIER SERVICE/AC

## CEILING VERSUS VISIBILITY

4424

PERCENTAGE FREQUENCY OF OCCURRENCE

(-7.13-77)

001

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0000

25.7	28.3	29.7	35.4	36.8	37.3	39.2	39.6	41.4	41.2	41.0	42.0	42.6	43.2	44.0
32.3	33.0	35.1	42.1	41.2	41.2	46.9	47.3	47.3	49.2	49.2	50.2	50.5	51.2	52.5
32.3	33.0	35.1	42.1	41.2	41.2	46.9	47.3	47.3	49.2	49.2	50.5	50.5	51.2	52.5
32.5	33.0	35.2	42.0	44.1	44.1	47.2	47.6	48.5	49.2	50.1	50.0	50.3	51.2	52.0
40.7	34.0	35.5	43.1	44.8	44.8	47.9	48.4	49.3	50.3	50.0	51.6	51.6	52.5	53.6
21.2	35.2	37.1	44.2	46.8	46.8	49.2	50.4	51.6	52.5	53.2	53.2	53.9	54.7	56.0
35.9	40.2	42.0	50.5	52.8	52.8	55.9	56.4	57.6	58.5	59.2	59.2	59.8	60.5	62.0
35.1	40.0	42.4	50.2	53.2	53.2	56.4	56.9	58.1	59.2	59.2	60.4	60.4	61.2	62.5
41.1	45.7	47.7	56.0	59.2	61.4	62.5	63.0	64.4	65.3	66.0	66.0	66.6	67.4	68.4
42.4	47.2	49.2	58.2	60.9	62.4	64.5	65.0	66.6	67.0	68.2	68.2	68.9	69.7	71.0
42.7	47.5	49.5	58.5	61.2	62.7	64.8	65.3	66.9	67.0	68.5	69.1	69.1	69.9	71.3
43.8	48.7	50.7	59.7	62.4	64.2	66.0	66.5	68.1	69.0	69.7	70.2	70.3	71.2	72.0
44.1	49.2	51.2	60.2	62.9	64.7	66.8	67.3	68.9	69.0	70.5	71.1	71.1	72.1	73.4
44.8	50.1	52.4	62.0	64.6	66.4	68.5	69.0	70.6	71.5	72.2	72.9	72.9	73.0	75.1
46.3	51.0	54.1	64.0	66.6	68.5	70.6	71.1	72.7	73.7	74.5	75.1	75.1	76.1	77.4
47.7	53.0	56.5	66.0	69.3	72.5	73.5	74.1	75.7	76.0	77.4	78.1	78.1	79.2	80.3
50.0	56.0	59.4	70.2	73.4	76.7	77.8	78.3	80.1	81.1	81.0	82.0	82.6	83.5	84.8
50.8	57.0	60.9	71.5	75.0	78.0	79.7	80.2	81.9	83.0	83.3	84.4	84.4	85.4	86.7
51.1	57.0	61.2	71.9	75.4	79.0	80.1	80.6	82.3	83.4	84.2	84.8	84.8	85.8	87.1
51.5	58.2	62.1	73.1	76.6	80.2	81.6	82.2	83.9	85.0	85.8	86.4	86.4	87.4	88.7
52.1	59.4	62.9	74.2	77.8	81.6	82.8	83.4	85.1	86.2	87.0	87.6	87.6	88.6	89.9
52.4	59.7	63.2	75.0	78.6	82.0	83.8	84.3	86.0	87.1	87.9	88.0	88.7	89.0	91.0
52.5	60.0	63.4	75.4	79.3	83.2	84.4	85.0	86.7	87.8	88.6	89.2	89.4	90.3	91.6
52.5	60.0	63.4	75.4	80.1	84.4	85.8	86.3	88.0	89.1	89.9	90.0	90.7	91.6	93.0
52.5	60.0	63.7	76.1	80.6	85.0	86.3	86.8	88.8	89.9	90.7	91.4	91.5	92.4	93.8
52.5	60.0	63.8	76.2	80.7	85.1	86.7	87.4	89.5	90.6	91.4	92.0	92.2	93.1	94.4
52.5	60.0	63.8	76.3	80.9	85.4	87.0	87.6	90.2	91.2	92.0	92.8	93.1	94.0	95.3
52.5	60.0	63.8	76.3	80.9	85.4	87.0	87.6	90.2	91.2	92.0	92.8	93.1	94.1	95.5
52.5	60.0	63.8	76.3	80.9	85.4	87.0	87.6	90.2	91.2	92.0	92.8	93.2	94.7	96.7
52.5	60.0	63.8	76.3	80.9	85.4	87.0	87.6	90.2	91.2	92.0	93.0	93.4	94.8	98.0
52.5	60.0	63.8	76.3	80.9	85.4	87.0	87.6	90.2	91.2	92.0	93.0	93.4	94.8	98.8
52.5	60.0	63.8	76.3	80.9	85.4	87.0	87.6	90.2	91.2	92.0	93.0	93.4	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 752

DATA PROCESSING OFFICE  
USAF ETAC  
AIR FATHER SERVICE/TAC

## CEILING VERSUS VISIBILITY

4321 PYRONGTACK AD K / CAMP HUMPHRIES 66-70-73-77

201

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0900-1100

35.0	36.0	39.8	44.4	45.2	45.6	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
43.2	47.0	48.8	53.2	54.7	55.3	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
43.9	47.0	48.8	54.1	54.8	55.3	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
44.1	48.0	49.2	54.4	55.2	55.2	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
44.8	48.9	50.1	55.3	56.2	56.9	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
46.1	50.2	51.6	57.0	57.9	58.6	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
50.3	55.5	57.0	62.4	63.7	64.4	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
51.5	56.9	58.2	64.3	64.9	65.2	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
56.2	62.0	63.7	69.3	70.7	71.4	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
57.8	64.0	65.8	71.2	72.8	73.6	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
59.0	64.2	66.0	71.9	73.1	73.9	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
59.1	65.8	67.6	73.5	74.6	75.4	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
59.2	65.9	67.8	73.7	74.9	75.7	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
61.5	68.2	70.2	76.0	77.7	78.4	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
63.4	70.4	72.8	78.9	80.1	81.2	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
65.8	73.4	76.1	82.2	83.5	84.8	85.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
67.2	75.0	77.9	84.0	85.5	86.7	87.3	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
68.5	76.6	79.4	86.0	87.4	88.1	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
69.9	77.0	79.8	86.4	87.8	89.4	90.0	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
70.5	79.2	82.1	88.0	90.5	92.1	92.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
71.0	79.8	82.8	89.4	91.2	92.9	93.4	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
71.4	80.3	83.4	90.2	92.3	94.1	94.6	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
71.7	80.6	83.9	90.7	92.8	94.6	95.1	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
71.9	81.0	84.2	91.0	93.7	95.5	96.0	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
71.8	81.0	84.2	91.1	94.0	95.0	96.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
71.9	81.1	84.3	91.2	94.1	95.4	96.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
72.1	81.2	84.4	91.3	94.6	97.2	97.7	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.1	81.2	84.4	91.3	94.6	97.2	97.7	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.1	81.2	84.4	91.3	94.6	97.2	97.7	98.2	99.0	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.6
72.1	81.2	84.4	91.3	94.6	97.2	97.7	98.2	99.0	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7
72.1	81.2	84.4	91.3	94.6	97.2	97.7	98.2	99.0	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7
72.1	81.2	84.4	91.3	94.6	97.2	97.7	98.2	99.0	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 777



























DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

4321 PYONGTAEK AIR KL/CAMP HUMPHRIES 65-73-77

001

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

60.1	62.2	63.5	67.7	68.9	68.3	69.7	69.7	61.1	61.5	61.6	61.6	61.8	62.1	63.2
64.2	68.4	69.7	64.6	66.0	67.4	67.8	67.9	68.3	68.7	68.8	69.2	69.1	69.2	70.2
64.7	68.7	69.0	65.1	66.3	67.7	68.2	68.2	68.7	69.1	69.1	69.3	69.4	69.7	70.8
64.5	68.9	69.2	65.4	66.6	67.2	68.5	68.5	68.9	69.3	69.4	69.6	69.7	69.2	71.1
65.2	69.3	61.1	66.1	67.6	68.0	69.4	69.5	69.9	70.3	70.3	70.5	70.6	70.9	72.0
66.5	61.1	62.5	67.2	68.0	71.4	70.9	71.0	71.5	71.2	71.7	72.1	72.2	72.4	73.0
67.5	64.2	65.7	71.1	71.4	71.4	74.4	74.5	75.0	75.4	75.4	75.6	75.7	76.0	77.2
68.2	62.0	66.6	72.2	73.5	71.2	75.5	75.6	76.1	76.2	76.5	76.7	76.8	77.1	78.3
68.5	68.8	70.6	76.5	77.9	71.4	79.9	80.0	80.5	80.9	81.0	81.2	81.3	81.5	82.0
64.4	70.2	71.4	78.0	79.4	81.9	81.5	81.6	82.1	82.2	82.6	82.8	82.9	83.1	84.4
64.7	70.4	72.1	78.4	79.8	81.4	81.9	82.0	82.5	82.9	83.0	83.2	83.3	83.5	84.5
65.4	71.2	72.3	79.2	80.7	82.2	82.8	82.9	83.3	83.8	83.8	84.0	84.1	84.4	85.0
65.6	71.3	73.1	79.4	80.9	82.4	83.0	83.0	83.5	84.0	84.0	84.2	84.3	84.6	85.8
67.1	72.3	74.7	81.2	82.7	84.2	84.9	85.0	85.5	85.9	86.0	86.2	86.3	86.6	87.8
67.8	74.5	76.5	83.1	84.6	86.1	86.7	86.8	87.3	87.8	87.8	88.0	88.1	88.4	89.7
71.8	77.8	79.4	86.0	88.1	89.8	90.5	90.6	91.1	91.2	91.5	91.8	91.9	92.2	93.4
73.1	79.2	81.4	88.2	89.8	91.6	92.2	92.4	92.8	93.3	93.3	93.5	93.6	93.9	95.2
73.7	79.3	82.1	89.2	90.8	92.6	93.3	93.4	93.9	94.3	94.4	94.6	94.7	95.0	96.2
73.7	80.0	82.2	89.2	90.8	92.7	93.3	93.4	93.9	94.4	94.5	94.7	94.7	95.1	96.3
73.9	80.2	82.5	89.0	91.3	93.2	93.9	94.0	94.5	94.9	95.0	95.2	95.3	95.6	96.2
74.0	80.2	82.5	89.4	91.5	93.4	94.1	94.2	94.7	95.2	95.3	95.5	95.5	95.8	97.1
74.0	80.3	82.7	89.2	91.6	93.6	94.3	94.4	94.9	95.4	95.5	95.6	95.7	96.0	97.3
74.0	80.3	82.7	90.0	91.7	93.6	94.3	94.5	95.0	95.5	95.5	95.7	95.8	96.1	97.4
74.0	80.3	82.7	90.1	91.8	93.8	94.5	94.7	95.2	95.7	95.7	96.0	96.0	96.4	97.6
74.0	80.3	82.7	90.2	92.0	93.9	94.6	94.8	95.3	95.8	95.9	96.1	96.2	96.5	97.8
74.0	80.3	82.7	90.2	92.0	93.9	94.6	94.8	95.4	95.9	96.0	96.2	96.3	96.6	97.9
74.0	80.3	82.7	90.2	92.0	93.9	94.6	94.8	95.6	96.1	96.2	96.4	96.5	96.9	98.4
74.0	80.3	82.7	90.2	92.0	94.0	94.7	94.9	95.0	96.2	96.2	96.5	96.6	97.0	98.6
74.0	80.4	82.8	90.3	92.1	94.0	94.7	94.9	95.6	96.3	96.3	96.6	96.8	97.1	98.9
74.0	80.4	82.8	90.3	92.1	94.0	94.7	94.9	95.6	96.3	96.4	96.6	96.8	97.2	99.1
74.0	80.4	82.8	90.3	92.1	94.0	94.7	94.9	95.6	96.3	96.4	96.6	96.8	97.2	99.5
74.0	80.4	82.8	90.3	92.1	94.0	94.7	94.9	95.6	96.3	96.4	96.6	96.8	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3517





DATA PROCESSING TEAM  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

4221 PYROCTAB 50-51/CAIR HUMPHRIES 72-73-77

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0500

40.1	45.0	47.6	50.5	51.2	51.0	53.5	53.5	54.2	54.5	54.9	55.4	55.6	56.0	57.7
43.6	50.0	51.4	55.0	56.3	51.0	59.1	59.1	59.8	60.2	60.3	61.0	61.1	61.5	63.3
43.6	50.0	51.4	55.0	56.3	51.0	59.1	59.1	59.8	60.3	60.3	61.0	61.1	61.5	63.3
43.6	50.0	51.4	55.0	56.3	51.0	59.1	59.1	59.8	60.3	60.3	61.0	61.1	61.5	63.3
43.6	50.0	51.4	55.0	56.3	51.0	59.1	59.1	59.8	60.3	60.3	61.0	61.1	61.5	63.3
43.9	50.4	52.2	56.1	56.8	51.1	59.6	59.6	60.3	61.0	61.0	61.7	61.8	62.2	64.0
44.3	53.3	55.3	59.4	59.1	61.4	62.9	62.9	63.6	64.3	64.3	64.9	65.1	65.5	67.3
45.6	53.2	55.4	60.1	60.7	61.0	63.6	63.6	64.3	64.9	64.9	65.6	65.8	66.2	67.9
50.3	57.9	60.1	64.7	65.4	67.7	68.5	68.5	69.3	70.0	70.0	70.7	70.8	71.2	73.0
51.6	59.4	61.4	66.2	67.4	67.7	70.5	70.5	71.5	72.1	72.1	72.0	73.0	73.4	75.1
52.6	60.3	62.4	67.7	68.3	71.8	71.6	72.6	73.2	73.2	73.2	73.9	74.0	74.5	76.2
54.9	62.2	65.4	70.4	71.1	73.5	74.3	74.3	75.3	76.0	76.0	76.6	76.8	77.2	78.9
55.2	63.2	65.6	70.7	71.3	73.9	74.7	74.7	75.7	76.4	76.4	77.0	77.2	77.6	79.3
58.3	67.3	69.7	74.2	75.5	77.1	79.2	79.2	80.2	80.8	80.8	81.5	81.7	82.1	83.8
60.4	68.8	71.2	76.4	77.0	77.0	80.7	80.7	81.7	82.3	82.3	83.0	83.2	83.6	85.3
65.1	74.1	76.4	82.1	83.2	85.7	86.8	86.8	87.8	88.2	88.5	89.1	89.3	89.7	91.4
65.5	74.9	77.4	83.3	83.9	86.4	87.5	87.5	88.6	89.4	89.4	90.1	90.2	90.6	92.4
65.8	75.2	78.0	83.7	84.5	87.1	88.3	88.3	89.4	90.2	90.2	90.9	91.0	91.4	93.2
65.9	75.4	78.3	84.0	84.8	87.4	88.6	88.6	89.7	90.5	90.5	91.2	91.3	91.7	93.5
65.9	76.0	78.5	84.4	85.2	87.0	89.3	89.3	90.4	91.2	91.2	91.8	92.0	92.4	94.2
66.6	76.4	79.1	85.2	86.1	89.0	90.2	90.2	91.3	92.1	92.1	92.6	92.9	93.3	95.1
66.6	76.4	79.1	85.2	86.3	89.1	90.4	90.4	91.4	92.2	92.3	93.1	93.2	93.6	95.4
66.6	76.8	79.3	85.3	86.3	89.1	90.4	90.4	91.4	92.3	92.3	93.1	93.2	93.6	95.4
66.6	76.8	79.3	85.3	86.3	89.1	90.4	90.4	91.4	92.4	92.4	93.2	93.3	93.6	95.4
66.6	76.8	79.3	85.3	86.3	89.1	90.4	90.4	91.4	92.4	92.4	93.3	93.5	93.9	95.7
66.6	76.8	79.3	85.3	86.3	89.1	90.4	90.4	91.4	92.4	92.4	93.3	93.6	94.0	95.8
66.6	76.8	79.3	85.3	86.3	89.1	90.4	90.4	91.4	92.4	92.4	93.3	93.6	94.3	96.1
66.6	76.8	79.3	85.3	86.3	89.1	90.5	90.5	91.6	92.5	92.5	93.5	93.8	94.4	96.2
66.6	76.8	79.3	85.3	86.3	89.1	90.5	90.5	91.6	92.7	92.7	93.6	94.0	94.7	96.9
66.6	76.8	79.3	85.3	86.3	89.1	90.5	90.5	91.6	92.7	92.7	93.6	94.0	94.8	98.8
66.6	76.8	79.3	85.3	86.3	89.1	90.5	90.5	91.6	92.7	92.7	93.6	94.0	94.8	98.8
66.6	76.8	79.3	85.3	86.3	89.1	90.5	90.5	91.6	92.7	92.7	93.6	94.0	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 736









## CEILING VERSUS VISIBILITY

2100-4366

[illegible]TOTAL NUMBER OF OBSERVATIONS 92

DATA PROCESSING  
UNIT  
AIR TRAFFIC SERVICE/ATC

## CEILING VERSUS VISIBILITY

9324 PYRENEAN AIRWAYS/CA P. 1 PHPIJS 1-7572-17

PERCENTAGE FREQUENCY OF OCCURRENCE  
FOR EACH CATEGORY OF OBSERVATIONS

ALL

ALL

52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0
55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0
58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0
61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0
64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0
67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0
70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0
73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0
76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0
79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0
82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0
85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0
88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0
91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0
94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0
97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4287

## CEILING VERSUS VISIBILITY

17

454

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-4200

[illegible]TOTAL NUMBER OF OBSERVATIONS 94

**2**

## CEILING VERSUS VISIBILITY

PHYLOGENETIC ANALYSIS OF *CA* AND *PHR* IN *S.*

456

0300-4500

TOTAL NUMBER OF OBSERVATIONS 204

2

1

462

0022-4400

1

USAF ETAC 14-001 4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

44

2720-1100

33.4	37.0	42.3	49.7	51.7	52.3	55.4	55.6	56.5	56.7	56.7	56.9	57.2	57.2	57.9
35.2	42.3	45.4	53.2	54.1	55.1	60.1	60.4	61.4	61.2	62.1	62.1	62.5	62.2	63.2
36.7	42.3	45.4	53.2	54.3	55.2	60.4	60.6	61.7	62.2	62.3	62.3	62.7	62.7	63.7
36.7	42.3	45.4	53.2	54.3	55.2	60.4	60.6	61.7	62.2	62.3	62.3	62.7	62.7	63.7
36.1	42.3	45.4	53.3	54.4	55.4	60.5	60.8	61.8	62.3	62.5	62.5	62.8	62.8	63.9
36.4	42.7	46.3	53.2	57.0	60.0	61.2	61.4	62.5	63.2	63.1	63.1	63.5	63.2	64.2
37.0	43.5	47.1	54.4	57.9	60.9	62.1	62.3	63.4	63.2	64.0	64.0	64.4	64.4	65.4
37.7	43.2	47.1	54.3	57.2	60.9	62.1	62.3	63.4	63.2	64.0	64.0	64.4	64.4	65.4
37.9	44.2	48.4	56.5	59.9	60.6	64.1	64.4	65.4	65.7	66.1	66.2	66.6	66.6	67.6
37.9	40.0	50.8	57.0	63.0	66.1	67.4	67.6	68.6	69.2	69.3	69.4	69.8	69.8	70.8
40.1	47.1	51.4	60.1	60.5	66.0	67.9	68.1	69.2	69.7	69.8	69.9	70.3	70.3	71.4
40.5	47.1	52.3	61.0	64.9	66.1	69.5	69.8	71.0	71.2	71.5	71.7	72.1	72.1	73.2
40.7	48.0	52.5	61.0	65.2	66.5	69.9	70.2	71.4	71.9	72.7	72.1	72.5	72.5	73.5
41.9	49.5	54.1	64.0	67.4	71.0	72.6	72.9	74.1	74.0	74.7	74.6	75.2	75.2	76.3
45.8	50.1	58.7	69.9	72.9	75.8	78.7	79.0	80.1	80.6	80.9	80.9	81.3	81.3	82.3
46.4	50.2	63.6	72.2	73.8	76.9	85.2	85.7	87.0	87.6	87.7	87.9	88.3	88.3	89.3
47.3	59.2	64.5	76.0	80.4	84.9	87.1	87.7	89.0	89.7	89.9	90.1	90.5	90.5	91.5
47.3	60.0	66.2	78.0	82.3	86.8	89.2	89.8	91.4	92.0	92.1	92.4	92.9	92.9	93.9
47.8	60.0	66.2	78.0	82.3	86.8	89.3	89.9	91.5	92.1	92.4	92.5	93.0	93.0	94.1
49.8	60.4	66.4	78.0	82.6	87.2	89.7	90.5	92.0	92.0	92.0	93.4	93.9	93.9	95.0
49.8	60.8	66.4	78.0	82.6	87.4	89.8	90.6	92.4	93.0	93.3	93.8	94.3	94.3	95.4
49.8	60.9	66.6	79.0	83.4	86.4	91.0	91.7	93.5	94.2	94.5	95.0	95.5	95.5	96.9
49.8	60.9	66.6	79.0	83.5	86.4	91.1	91.9	93.7	94.5	94.7	95.2	95.7	95.7	97.2
49.8	60.9	66.6	79.1	83.6	86.5	91.2	92.0	93.8	94.6	94.8	95.4	95.9	96.0	97.4
49.8	60.9	66.6	79.9	83.7	86.6	91.4	92.1	93.9	94.7	95.7	95.5	96.0	96.1	97.5
49.8	60.9	66.6	79.9	83.7	86.6	91.4	92.1	94.1	94.4	95.1	95.6	96.3	96.4	97.8
49.8	60.9	66.6	79.9	83.7	86.8	91.7	92.5	94.6	95.5	95.7	96.3	96.9	97.0	98.6
49.8	60.9	66.6	79.9	83.9	86.8	91.7	92.5	94.6	95.5	95.7	96.3	96.9	97.0	98.6
49.8	60.9	66.6	79.9	83.9	86.8	91.7	92.5	94.6	95.5	95.7	96.3	96.9	97.2	99.7
49.8	60.9	66.6	79.9	83.9	86.8	91.7	92.5	94.6	95.5	95.7	96.3	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 775

SAF 47A 7-14-5 2-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA FOR CEILING VERSUS VISIBILITY  
USAF 1110  
AIR LATER SERVICE/AC

## CEILING VERSUS VISIBILITY

942L PONTIAC AFB, MICHIGAN 48-75-73-77 JLL  
PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1200-1700

52.7	55.2	55.7	58.0	59.6	59.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
55.7	58.8	59.3	62.1	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
55.7	58.8	59.3	62.1	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
56.0	59.1	59.4	62.4	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
56.2	59.3	59.8	62.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
56.5	59.4	60.3	63.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
57.3	61.7	62.2	63.2	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
58.1	62.0	63.1	66.0	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
58.4	64.2	64.7	67.7	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
61.2	65.2	66.1	69.0	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
61.6	65.0	66.3	69.5	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
63.5	67.0	68.3	71.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
64.2	68.0	69.1	72.4	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
66.2	70.0	71.1	74.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
69.0	73.0	74.1	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
75.4	80.2	81.1	80.0	87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
77.2	82.4	83.4	88.0	90.0	91.3	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
77.5	84.2	85.4	91.1	92.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
78.5	84.2	85.4	91.3	92.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
78.9	85.2	86.2	92.4	94.3	96.2	96.4	96.4	97.0	97.2	97.4	97.5	97.7	97.9	98.0	98.2
79.0	85.4	86.7	93.1	94.4	96.4	96.6	96.7	97.2	97.4	97.5	97.7	97.9	98.0	98.2	98.4
79.0	85.4	86.9	93.4	94.7	96.7	96.9	97.0	97.5	97.7	97.9	98.0	98.2	98.4	98.5	98.7
79.0	85.4	86.9	93.4	94.7	96.7	96.9	97.0	97.5	97.7	97.9	98.0	98.2	98.4	98.5	98.7
79.1	85.4	87.0	93.4	95.1	97.0	97.2	97.4	97.9	98.0	98.2	98.4	98.5	98.7	98.9	99.0
79.5	85.9	87.4	93.9	95.4	97.4	97.5	97.9	98.4	98.5	98.7	98.9	99.0	99.2	99.3	99.5
79.5	85.9	87.4	94.1	95.6	97.5	97.7	98.0	98.7	98.9	99.0	99.2	99.3	99.5	99.7	99.8
79.6	86.0	87.5	94.3	95.7	97.7	97.9	98.2	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0
79.6	86.0	87.5	94.3	95.7	97.7	97.9	98.2	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0
79.6	86.0	87.5	94.3	95.7	97.7	97.9	98.2	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0
79.6	86.0	87.5	94.3	95.7	97.7	97.9	98.2	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 609





DATA PROCESSING SECTION  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

9321 PINEAPPLE AFB, CALIF. HURPHIES 1-7, 13-77

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

41.0	46.3	47.4	53.3	55.1	56.0	57.1	57.2	57.6	57.7	57.9	58.2	58.2	58.4	59.2
44.1	48.3	50.0	57.2	58.7	59.4	60.8	60.9	61.4	61.7	61.8	62.0	62.1	62.3	63.2
44.2	48.9	50.7	57.3	58.8	59.4	61.0	61.1	61.6	61.7	62.0	62.2	62.3	62.4	63.4
44.3	49.0	50.7	57.3	58.8	59.5	61.0	61.1	61.7	61.8	62.0	62.2	62.3	62.4	63.2
44.4	49.1	50.7	57.4	58.9	59.6	61.2	61.3	61.8	62.0	62.1	62.3	62.5	62.6	63.6
44.8	49.0	51.4	58.1	59.6	61.3	61.8	61.9	62.4	62.7	62.8	63.0	63.1	63.3	64.2
45.1	50.9	52.8	59.0	61.3	62.9	63.5	63.6	64.1	64.4	64.5	64.7	64.8	65.0	65.9
46.5	51.4	53.3	60.2	61.8	62.5	64.1	64.2	64.7	64.8	65.0	65.3	65.4	65.5	66.2
47.5	52.0	54.7	61.8	63.5	65.2	65.8	65.9	66.4	66.7	66.7	67.0	67.1	67.3	68.3
48.7	54.2	56.3	63.3	65.5	67.2	67.8	67.9	68.4	68.7	68.8	69.1	69.2	69.4	70.3
49.1	54.7	56.8	64.5	66.2	67.9	68.6	68.6	69.2	69.5	69.6	69.8	69.9	70.1	71.1
50.4	56.3	58.4	66.4	68.2	70.1	70.7	70.8	71.4	71.7	71.8	72.0	72.1	72.3	73.3
50.7	56.8	58.9	66.4	68.7	70.6	71.2	71.3	71.9	72.2	72.3	72.6	72.7	72.8	73.8
52.7	59.1	61.3	69.0	71.5	73.1	74.2	74.3	75.0	75.1	75.4	75.7	75.8	76.0	77.0
56.0	62.8	65.1	73.9	75.9	77.1	79.0	79.1	79.8	80.1	80.3	80.6	80.7	80.9	81.9
60.4	68.2	70.3	80.5	82.6	84.3	86.2	86.4	87.2	87.6	87.8	88.1	88.2	88.4	89.4
61.9	70.3	73.0	83.2	85.4	86.3	89.3	89.5	90.4	90.8	91.0	91.4	91.5	91.3	92.8
62.7	71.5	74.3	84.0	87.0	90.1	91.1	91.3	92.3	92.7	92.9	93.4	93.6	93.2	95.0
62.9	71.7	74.5	85.0	87.2	90.3	91.3	91.6	92.6	93.0	93.2	93.7	93.9	94.2	95.3
67.1	72.2	75.0	85.7	88.0	91.2	92.3	92.6	93.6	94.1	94.4	94.9	95.2	95.4	96.0
63.2	72.3	75.2	85.9	88.2	91.5	92.6	92.9	94.1	94.5	94.8	95.4	95.6	95.9	97.0
63.2	72.4	75.3	86.1	88.5	91.9	93.2	93.5	94.7	95.1	95.4	96.0	96.2	96.5	97.2
63.2	72.4	75.3	86.1	88.6	92.0	93.2	93.5	94.7	95.2	95.4	96.1	96.3	96.6	97.8
63.2	72.4	75.3	86.1	88.7	92.1	93.3	93.6	94.8	95.4	95.6	96.2	96.4	96.7	98.0
63.3	72.5	75.4	86.4	88.8	92.2	93.5	93.8	95.0	95.5	95.8	96.4	96.7	97.0	98.3
63.3	72.5	75.4	86.4	88.9	92.3	93.5	93.9	95.2	95.7	95.9	96.6	96.9	97.2	98.6
63.3	72.5	75.4	86.6	88.9	92.3	93.7	94.1	95.4	96.1	96.3	97.0	97.3	97.7	99.0
63.3	72.6	75.5	86.6	89.0	92.3	93.8	94.1	95.5	96.1	96.3	97.1	97.4	97.8	99.3
63.3	72.6	75.5	86.6	89.0	92.3	93.8	94.1	95.5	96.1	96.3	97.1	97.4	97.8	99.4
63.3	72.6	75.5	86.6	89.0	92.3	93.8	94.1	95.5	96.1	96.3	97.1	97.4	97.8	99.7
63.3	72.6	75.5	86.6	89.0	92.3	93.8	94.1	95.5	96.1	96.3	97.1	97.4	97.8	99.9
63.3	72.6	75.5	86.6	89.0	92.3	93.8	94.1	95.5	96.1	96.3	97.1	97.4	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3317



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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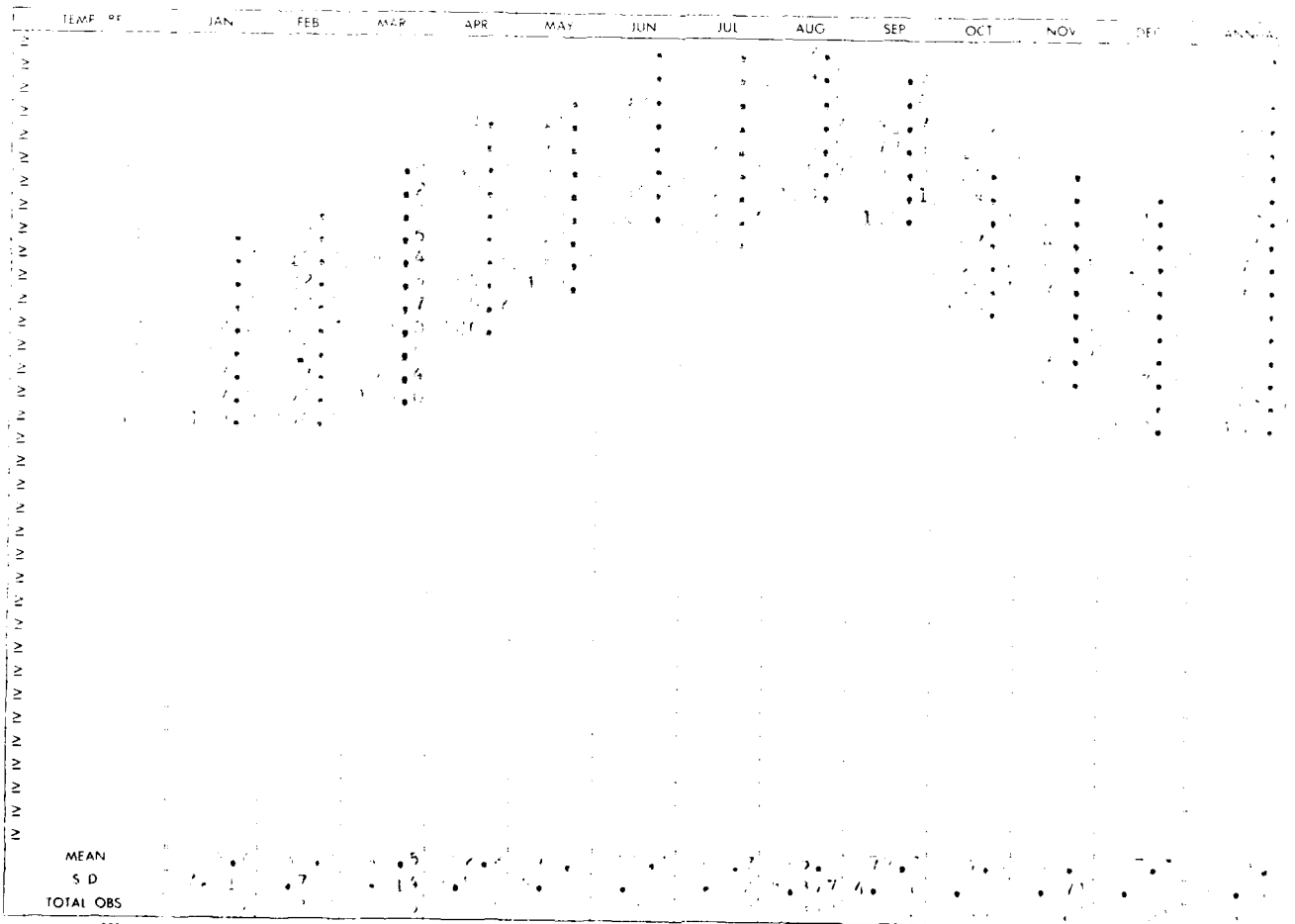
# DAILY TEMPERATURES

STATION

STATION NAME

YEAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM DAILY OBSERVATIONS.



WATER RESOURCES DIVISION  
 NATIONAL WEATHER SERVICE  
 4100 RIVERSIDE DRIVE  
 STATION 4100 RIVERSIDE DRIVE  
 STATION NAME

# DAILY TEMPERATURES

STATION 4100 RIVERSIDE DRIVE  
 STATION NAME 4100 RIVERSIDE DRIVE  
 YEARS 11-7

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75							5.1	29.0	7.1				5.1
70						26.4	91.0	85.7	24.8				20.1
65						7.1	71.9	99.5	51.0	4.2			20.1
60				3.4	12.7	71.9	91.0	100.0	71.8	17.1			37.4
55				3.4	40.0	91.0	100.0	100.0	71.8	17.1			46.1
50			6.6	18.7	71.9	100.0			71.8	17.1	12.6		51.0
45			7.5	35.4	91.0				71.8	17.1	12.6	6.6	51.0
40	3.4	1.8	11.8	65.4	91.0				100.0	60.2	34.4	3.4	59.8
35	3.9	7.1	32.0	89.8	100.0					94.7	51.0	11.5	67.0
30	6.1	12.6	44.6	93.4						94.7	51.0	12.6	70.1
25	10.2	20.4	61.1	98.1						100.0	77.1	29.3	75.5
20	24.8	30.5	65.1	100.0							91.0	48.9	82.7
15	27.5	62.6	97.0								97.0	72.5	95.0
10	27.7	78.7	99.7								99.7	90.0	94.7
5	3.4	89.4	100.0								100.0	96.7	97.5
0	2.6	97.0										99.1	99.1
-5	27.7	99.1										99.7	99.7
-10	99.7	99.4										100.0	99.9
-15	100.0	99.7											100.0
-20		100.0											100.0
MEAN	18.6	21.4	31.5	42.5	53.0	62.4	71.4	71.1	59.9	46.5	35.7	24.6	44.9
S D	9.072	6.331	6.006	6.634	5.153	4.047	4.337	4.658	6.596	7.605	8.075	5.110	10.402
TOTAL OBS	362	323	363	364	370	367	369	373	326	333	324	331	4206

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## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1													
2													
3													
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99													
100													
MEAN													
S D													
TOTAL OBS													

DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/ETAC

# EXTREME VALUES

24 HOUR TEMPERATURE

4521 DYNASTY AIR K2/CAMP LUP PHILIPS  
STATION STATION NAME

51-57, 63, 78-79

YEARS

## WIND SPEEDS FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS		
1			*	64	72	85	97	99	96	84	81	65	55		
2	44	43	63	75	89	95	98	97	87	75	63	52	9		
3	52	54	60	77	86*	87	93	94	85	62	61	67	9		
4	46	55	71	75	84	87	90	94	91	74	69	52	95		
5	44	59	64	84	83	93	92	94	88	82	65	57	94		
6	48	49	63	71	79	82	85	97							
7															
8															
9			*	41											
10															
11	*	49*	56*	65*	77*	79*	90*	90*	92*	86*	74*	72*	59	*	72
12	*	56*	42*	65*	79*	81*	85*	99*	89*	84*	80*	64*	59	*	97
13	*	53*	60*	66*	78*	78*	84*	96*	95*	86*	78*	62*	46	*	90
14	*	50*	44*	62*	69*	84*	87*	87*	93*	84*	75*	69*	48	*	93
15	*	46*	51*	62*	62*	80*	87*	93*	91*	89*	78*	68*	62	*	95
16	*	46*	55*	57*	75*	67*	91*	89*	89*	84*	75*	69*	53	*	91
17	*	41*	62*	71	80	82	93	95	91	86	84	69	60		95
18	48	55													
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
MEAN	47.0	53.3	64.2	76.7	84.0	91.3	94.6	94.8	86.8	80.0	66.2	57.2	95.7		
S.D.	3.733	4.131	4.087	4.536	3.162	4.131	3.207	2.483	2.483	3.578	3.125	5.707			
TOTAL OBS	262	329	363	364	370	365	369	373	326	333	326	331	420		

NOTES \* (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 HRS)

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DATA PROCESSING BRANCH  
USAF/ETAC/DLA  
AIR WEATHER SERVICE/TAC

# EXTREME VALUES 1 HOUR TEMPERATURE

45214 PIEDMONT AIR K/CA F. H. PHILIPS 51-57, 03, 70-71  
STATION STATION NAME YEAR

FROM DATA REPRESENTATION

## WIND SPEEDS (KNOTS)

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
51			*	25	30	42	55	62	66	47	37	11	14
52	10	5	17	34	45	52	65	62	45	31	28	6	
53	5	5	23	34	44*	55	65	61	52	30	20	17	
54	14	-9	19	36	46	55	59	63	49	33	27	10	-5
55	-5	7	23	29	45	51	64	65	40	32	23	17	-5
56	2	-11	20	34	43	55	65*	61					
57													
58													
59			*	32									
60													
61	*	3*	3*	15*	24*	44*	57*	66*	62*	44*	30*	19*	12
62	*	12*	19*	19*	26*	41*	57*	62*	60*	46*	30*	17*	14
63	*	14*	15*	23*	30*	50*	59*	71*	60*	42*	30*	19*	5
64	*	-9*	6*	15*	35*	42*	53*	64*	59*	46*	30*	17*	10
65	*	8*	12*	21*	30*	44*	60*	62*	64*	53*	39*	21*	5
66	*	1*	17*	21*	26*	39*	53*	57*	62*	48*	32*	24*	1
67	*	-2*	1*	14	28	42	57	66	57	42	32	21	12
68		3	5										
69													
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MEAN	4.8	5	20.4	32.0	43.9	54.2	63.7	62.3	47.3	33.3	21.7	13.2	1.0
S.D.	6.615	8.191	2.608	3.000	1.574	2.229	2.430	3.204	3.502	2.875	4.121	3.430	
TOTAL OBS	362	329	363	364	370	360	369	373	326	333	326	331	4206

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

## PSYCHROMETRIC SUMMARY

PAGE 1 0000-0200

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC

## PSYCHROMETRIC SUMMARY

11. A:

1995

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR CATERP SERVICE/AC

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB K / CAMP HUMPHRIES 7-7, 73-76

JAN

PAGE 1 0900-1100

Temp (F)		WET BULB TEMPERATURE DEPRESSION (F)																																					TOTAL		TOTAL	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
48/ 47							.3	.1																												3	3					
46/ 45							.1																												1	1						
44/ 43				.3	.1																															5						
42/ 41		.3	.3	.6	.1																														10	10		3				
40/ 39		.1	.4	1.3	.3																													18	18		2					
38/ 37		.3	1.3	1.3	.6																													37	37	13	7					
36/ 35		.5	2.6	3.5	.5																													52	52	36	13					
34/ 33		1.0	3.0	2.0	.5																													52	52	61	22					
32/ 31		1.1	5.0	2.9	.6																													83	83	56	46					
30/ 29		1.0	4.6	2.3	.6																													77	77	79	52					
28/ 27		1.0	3.9	2.8	.3																													53	63	70	60					
26/ 25		2.1	2.9	2.9	.4																													66	66	67	55					
24/ 23		.9	4.4	2.9	.3																													67	67	63	63					
22/ 21		.5	2.6	1.4	.3																													39	39	64	45					
20/ 19		.3	4.1	2.3	.3																													55	55	53	40					
18/ 17		.4	2.1	1.1	.1																													30	30	47	36					
16/ 15		.6	2.0	1.3																														33	33	36	32					
14/ 13		.5	2.3	1.0																														34	34	31	66					
12/ 11		.5	1.9	.1																														20	20	39	38					
10/ 9		.3	2.4	.1																														22	22	23	40					
8/ 7		.5	1.0	.3																														14	14	21	27					
6/ 5		.5	.1																															4	4	0	35					
4/ 3		.3	.1																															3	3	5	23					
2/ 1		.3	.1																															3	3	4	19					
0/ -1		.5	.1																															3	3	3	33					
-2/ -3																																					13					
-4/ -5																																					13					
-6/ -7																																					8					
-8/ -9																																					3					
-12/ -13																																					1					
-14/ -15																																					3					
-18/ -19																																					2					
TOTAL		14.4	49.0	30.9	5.6	.1																												800	800	800	000					
Element (X)		Zx	Zx	X	fx	No. Obs.	Mean No. of Hours with Temperature																																			
Ref. Hum.		4376077	57733	72.2	16.199	800	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Dry Bulb		592011	20583	25.7	8.840	800	.3	71.6					93																													
Wet Bulb		504946	18894	23.6	8.573	800	.3	77.9					93																													
Dew Point		346244	13976	17.5	11.303	800	8.8	87.5					93																													

## PSYCHROMETRIC SUMMARY

JÄ

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

## PSYCHROMETRIC SUMMARY

PAGE 2 1400-1400

[illegible]

## PSYCHROMETRIC SUMMARY

PAGE 1 1500-1700

Temp F		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B. W.B.		TOTAL Dry Bulb Wet Bulb		Dew Point	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
54/ 53				.2																												2					
52/ 51				.1																												1					
50/ 49					.1	.7	.7																								11	11	2				
48/ 47					.1	.7	.9																								10	10	1	1			
46/ 45						1.8	.7	.9																							28	28		2			
44/ 43			.1	.1	2.1	1.2	.9																								33	33	4				
42/ 41	.3	1.0	1.7	1.9	1.3	.1																									45	45	12	3			
40/ 39		1.0	3.5	2.8	.4																										52	52	35	3			
38/ 37	.2	1.9	3.4	1.6	.4																											51	51	60	15		
36/ 35	.8	2.1	2.7	1.3	1.2	.4																										57	57	72	12		
34/ 33	.4	2.2	2.7	1.8	1.2	.1																										57	57	72	19		
32/ 31	.7	2.5	4.5	3.8	.1																												76	76	92	70	
30/ 29	.4	1.9	3.2	1.5	.1																												49	49	54	51	
28/ 27		1.0	3.1	1.9	.1																												42	42	55	46	
26/ 25		.9	3.5	1.5																													39	39	63	45	
24/ 23		1.2	3.4	.7																													36	36	32	50	
22/ 21		1.7	2.4	.7																													34	34	51	29	
20/ 19		1.6	1.5	.1																													22	22	44	44	
18/ 17		.8	1.5																														16	16	32	39	
16/ 15		.5	.5																														8	8	16	29	
14/ 13		.4	.5																														7	7	16	44	
12/ 11																																			6	35	
10/ 9		.1																															1	1	3	31	
8/ 7		.1																															1	1		25	
6/ 5																																			1	24	
4/ 3																																				15	
2/ 1																																				14	
0/ -1																																				18	
-2/ -3																																				5	
-4/ -5																																				5	
-6/ -7																																				1	
-8/ -9																																				2	
-10/-11																																				2	
Element X:		$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$s_x$		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total													
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					



### PSYCHROMETRIC SUMMARY

DATE 1 1000-2000

WET BULB TEMPERATURE DEPRESSION, F.																																TOTAL				TOTAL											
																																D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point											
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40							
42/ 41				2.2																																											
40/ 39				1.1	3.2																																										
38/ 37				3.2	4.3	1.1																																									
36/ 35				9.7	2.2	1.1																																									
34/ 33				5.4																																											
32/ 31				0.5																																											
30/ 29				7.5	1.1																																										
28/ 27				4.3	5.5																																										
26/ 25	2.2			1.5	3.7	4.3																																									
24/ 23				4.3	4.3	1.1																																									
22/ 21				3.2	5.4																																										
20/ 19				3.2	1.1																																										
18/ 17					1.1																																										
16/ 15																																															
14/ 13																																															
12/ 11																																															
10/ 9																																															
8/ 7																																															
5/ 5																																															
2/ 1																																															
0/ -1																																															
TOTAL	2.255.974.4 1.5																																			93				92				93			

Element	X	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	499255	6639	71.9	14.046		33	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Dry Bulb	87114	2722	29.3	6.119		33		62.0					93
Wet Bulb	70787	2501	26.9	6.193		33		70.0					93
Dew Point	48403	1941	20.9	9.262		33	2.0	88.0					93

1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

4021      DALLAS POLICE DEPT      68-1049      1P

<sup>(1)</sup>  $\mu = \frac{1}{n} \sum_{j=1}^n x_j$

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1021      PONTIAC, ALA. / CAMP CAMPBELL      7-1, 73-75

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USAFETAC  
NEW  
JUL 04  
0265 (OL A)  
RECEIVED MILITARY DISTRICT OF COLUMBIA  
JUL 04

DATA PROCESSING BRANCH  
OSAM FIAC  
AIR TRAINER SERVICE/NAO

## PSYCHROMETRIC SUMMARY

4321 PYCNOGASTER AD. 8 / CAMP. 10 PPH 15 7-1, 73-70

PAGE 2 ALL

		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL				
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B., W.B., Dry Bulb	Wet Bulb	Dew Point	
14/-15																																					
16/-17																																					
17/-19																																					
24/-25																																					
Total		13.	41.	68.	51	2.	1	3.	5	1.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3423	3424	3423

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AIR FORCE COUNCIL OF AMERICA  
1948-1950  
AIR FORCE SERVICE/AFSC

### PSYCHROMETRIC SUMMARY

4321 FIFTY-ONE AND A HALF POUNDS 7-1, 76, 77

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PAGE 1 0000-0000

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DATA PROCESSING DIVISION  
DATA FILE  
AIR RAIDER SERVICE/100

### PSYCHROMETRIC SUMMARY

4521. PROCTER AC / CH P 414PHE15

7-7 , 73-70

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Page 1 0600-0.00

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### PSYCHROMETRIC SUMMARY

0321 DELETED FROM /COMP REPORTS 7-7, 73-70

Page 1 0900-1100

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## PSYCHROMETRIC SUMMARY

PAGE 2 390C-1100

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## PSYCHROMETRIC SUMMARY

4321 PYNOSTEK 10 x /CMF 1000HP15 7-11, 73-76

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PAGE 2 1250-1400

		WET BULB TEMPERATURE DEPRESSION F																				TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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 $\hat{\mu}_2 = 1.0$

U.S. 11-10-2000

**USAFETAC**

JSAFETAC

AD-A088 955

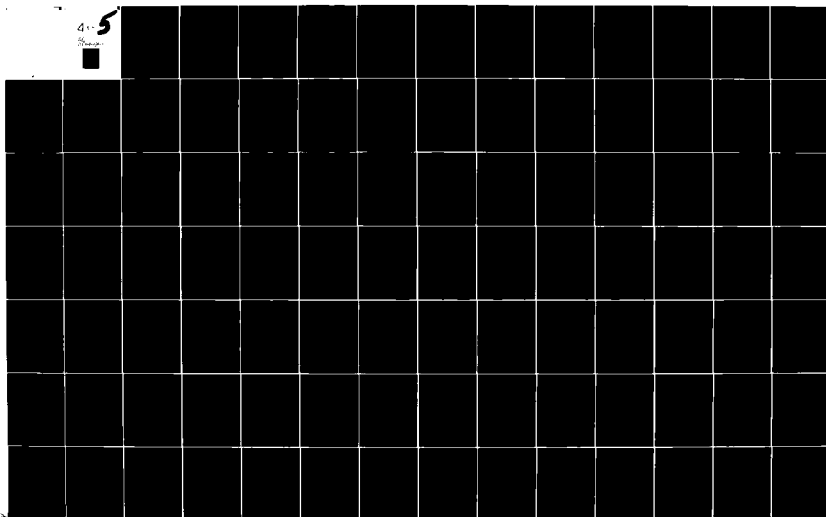
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2  
PYONGTAEK AB, CAMP HUMPHRIES, KOREA. REVISED UNIFORM SUMMARY OF--ETC(U)  
OCT 78

UNCLASSIFIED

USAFETAC/DS-80/081

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B-1  
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## PSYCHROMETRIC SUMMARY

F E t

1. *Chlorophyll a* (Chl *a*)

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
46/ 45			3.0															3	3																		
42/ 41																				1																	
38/ 37	3.0																	3	3	3	4																
36/ 35		4.8	2.4	1.2														7	7	1	2																
34/ 33	1.2	2.4	1.2	1.2														5	5	5	3																
32/ 31		0.3	1.2															8	8	3	1																
30/ 29		2.4	1.2	1.2														15	15	12	4																
28/ 27	1.2	1.2	1.2	1.2														13	13	19	4																
26/ 25		1.2	2.4															3	3	6	9																
24/ 23		2.4	4.8															6	6	3	16																
22/ 21			1.2															1	1	4	3																
20/ 19	1.2	1.2	2.4															4	4	6	4																
18/ 17		0.3	4.8															11	11	5	6																
16/ 15		3.0	2.4															5	5	7																	
14/ 13																				6	2																
12/ 11																				1	3																
10/ 9																					11																
8/ 7																					3																
6/ 5																					2																
4/ 3																					1																
2/ 1																					1																
0/ -1																					4																
-2/ -3																					1																
TOTAL	9.558	328.6	3.6															84		84	84																

Element (X)	Σ X'	Σ X	Σ	c <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	471584	6170	73.5	14.882	84	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	67084	2298	27.4	7.128	84		66.0					84
Wet Bulb	58225	2127	25.3	7.253	84		72.0					84
Dew Point	47812	1644	19.6	10.201	84	5.0	75.0					84

DATA PROCESSING BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/IAF

# PSYCHROMETRIC SUMMARY

4321 PYONGTACK AB KJ/CAMP HUMPHRIES

7-70, 73-78

FLR

STATION NAME

YEARS

PAGE 1

ALL

HOUS. LOG.

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63								.1										2	2																
62/ 61						.0	.1		.0									4	4																
60/ 59			.0	.0		.1	.0		.1									9	9																
58/ 57		.1	.1		.0	.1	.0											9	9																
56/ 55				.1	.1	.1	.1	.1										12	12	6															
54/ 53		.0		.1	.1	.1	.1	.2	.1									18	18	1	4														
52/ 51			.1	.1	.1	.2	.4											28	28	2	2														
50/ 49		.1	.2	.6	.3	.3	.0											45	45	16	2														
48/ 47	.0	.1	.4	.3	.5	.4	.0											55	55	17	2														
46/ 45	.1	.5	.0	.7	.7	.3												91	91	20	9														
44/ 43	.1	.6	.3	.0	.4	.2	.1											78	78	31	17														
42/ 41	.0	.9	1.2	.7	1.0	.5	.0											133	133	74	27														
40/ 39	.2	2.0	1.0	1.1	.9	.2												167	167	124	48														
38/ 37	.3	1.4	1.2	1.3	1.3	.1												193	193	174	78														
36/ 35	.5	2.9	2.0	2.2	.0	.1												258	258	139	122														
34/ 33	.7	2.0	2.3	1.3	.3	.1												211	211	253	129														
32/ 31	.7	3.2	2.3	1.3	.4	.1												250	250	247	153														
30/ 29	.7	2.9	1.7	1.0	.3													204	204	299	126														
28/ 27	1.0	3.8	1.5	1.0	.1													245	245	257	189														
26/ 25	.0	2.4	2.2	.7														188	188	226	209														
24/ 23	.7	3.6	3.0	.7														245	245	218	240														
22/ 21	.4	1.9	1.3	.2														116	116	211	188														
20/ 19	.5	2.3	.8	.0														111	111	167	193														
18/ 17	.4	2.0	.7															98	98	144	204														
16/ 15	.6	1.3	.5															73	73	93	146														
14/ 13	.3	1.7	.4															72	72	82	179														
12/ 11	.2	1.2	.1															48	48	76	125														
10/ 9	.3	.9	.1															41	41	60	161														
8/ 7	.3	.6	.0															26	26	43	116														
6/ 5	.3	.5																23	23	28	103														
4/ 3	.1	.2																9	9	9	80														
2/ 1	.0	.1																4	4	8	56														
0/ -1	.1																	2	2	4	68														
-2/ -3	.1																	2	2	2	37														
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

0  
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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43216 PYONGTAEK AB KJ/CAMP HUMPHRIES 7-73, 73-76 FEB  
STATION MONTH  
PAGE 2 ALL  
HOURS 100.0

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/-5	.0																																	1	1	1	29
-6/-7																																		1	1	1	6
-8/-9	.0																																	1	1	1	6
-10/-11																																					7
-12/-13	.1																																	2	2	2	5
-14/-15																																					4
-16/-17																																					1
-18/-19																																					1
TOTAL	9.7	39.3	74.5	15.1	7.1	2.9	.9	.2	.1																									3074	3074	3074	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	15015608	207256	67.4	18.414	3074	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	3177709	93351	30.4	10.562	3074	1.7	385.0					672
Wet Bulb	2538660	83498	27.2	9.384	3074	2.2	476.1					672
Dew Point	1616973	61223	19.9	11.375	3074	36.3	575.8					672

## PSYCHROMETRIC SUMMARY

9,77

PAGE 1 0000-0200

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
48/ 47				3.2																													2	2			
46/ 45			1.0	4.0																													4	4			
44/ 43			4.0		1.6																												4	4	2		
42/ 41			3.2	1.6																													3	3	1	4	
40/ 39	1.0	7.9	1.0																														7	7	4	6	
38/ 37	1.0	0.3	1.0																														6	6	7	4	
36/ 35	3.2	17.5	3.2																														15	15	9	8	
34/ 33	1.0	4.0	4.0																														7	7	11	6	
32/ 31	1.0	11.1	3.2																														10	10	8	11	
30/ 29		3.2	3.2																														4	4	11	5	
28/ 27	1.0																																1	1	3	7	
26/ 25																																				1	3
24/ 23																																					6
22/ 21																																					2
20/ 19																																					1
TOTAL	11.160	377.0	1.6																															63	63	63	63

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	447700	5242	83.2	10.264	63	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	
Dry Bulb	85740	2304	36.6	4.885	63		22.1					93
Wet Bulb	77256	2186	34.7	4.761	63		34.0					93
Dew Point	65736	2004	31.8	5.665	63		51.7					93



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11.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

-70, 73-77

## 1.4. Axioms

—  $\frac{1}{2}$  —

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0-26-5 (OLA)

USAFETAC





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB K/CAAMP HUMPHRIES 6-7, 73-77

PAGE 1 1200-1400

WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL			TOTAL		
																																	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 69																																	2	2				
66/ 65					.1	.1				.1	.1																					4	4					
64/ 63								.1	.1					.4																		5	5					
62/ 61					.1	.1	.5						.4	.3	.2																	13	13					
60/ 59					.4	.3	.1	.3	1.3	.6	.1																					24	24					
58/ 57		.5	.1	.4	.6	1.0	1.3	.5	.1																							34	34					
56/ 55		.1	.1	.6	1.0	2.0	1.5	.5																								53	53					
54/ 53		.5	.4	1.5	1.3	2.1	1.0	.5	.1																							62	62					
52/ 51			.5	1.0	2.2	.9	.5	.4																								43	43					
50/ 49		.5	1.0	2.3	3.5	1.4	.5	.1																								73	73					
48/ 47	.1	.6	2.4	1.6	2.8	1.5	.5																									73	73					
46/ 45		1.0	.9	1.7	1.7	.9	.1																									49	49					
44/ 43	.1	.9	1.0	2.8	1.3	1.2	.1																									58	58					
42/ 41	.1	.8	3.0	2.7	1.3	1.3																										70	70					
40/ 39		.8	2.4	1.0	2.1	.3	.1																									52	52					
38/ 37	.4	.6	.9	2.1	1.3	.1																										42	42					
36/ 35		1.0	2.6	2.1	1.2																											53	53					
34/ 33	.1	.9	.8	2.7	.3																											36	36					
32/ 31		.4	.3	1.2	.1																											15	15					
30/ 29		.1	.1	.4																												5	5					
28/ 27		.1	.4																													4	4					
26/ 25	.1			.1																												2	2					
24/ 23																																	7	7				
22/ 21		.1																														1	1					
20/ 19			.3																													2	2					
18/ 17			.1																													1	1					
16/ 15																																	2	2				
14/ 13																																1	1					
12/ 11																																	7	7				
10/ 9																																	6	6				
8/ 7																																	2	2				
6/ 5																																	1	1				
4/ 3																																	1	1				
0/ -1																																	3	3				
Element X	$\Sigma x^2$			$\Sigma x$			$\bar{x}$			$s^2$			No. Obs.			Mean No. of Hours with Temperature							Total															
Rel. Hum.																$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																	
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						



## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-5 (OL A) REVISED FEBRUARY 1970 (SEE THE PRELIMINARY EDITION)

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## PSYCHROMETRIC SUMMARY

PAGE 1 2100-2300

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**USAFETAC**

DATA PROCESSING BRANCH  
USAF ETAC  
AIR LEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

43215 PYINGTAEK AB K/CAMP HUMPHRIES 65-70-73-77

YEAR

MONTH

PAGE 2

ALL

HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
4/ -3																						5													
0/ -1																						4													
-2/ -3																						1													
-4/ -5																						2													
-6/ -7																						3													
-8/ -9																						1													
TOTAL	0.127	4.23	7.13	6.11	0	7.1	3.6	1.9	.0	.1								3516	3516	3516	3516														

Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	
Rel. Hum.	17068653	236155	67.21	8.508	3516							
Dry Bulb	6254484	144616	41.1	9.335	3516		135.0	1.5				744
Wet Bulb	4922552	128836	36.6	7.574	3516		231.3					744
Dew Point	3439234	105440	30.0	8.881	3516	2.3	461.9					744

DATA PROCESSING BRANCH  
USAF ETAC  
41R WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43214 PYONGTAEK AB KS/CAMP HUMPHRIES 77

APW

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61	3.3	2.2	1.1															8	6	3	3														
60/ 59																				2	1														
58/ 57																					1	1													
56/ 55	2.2	1.1	5.0															8	6	2	3														
54/ 53	2.2	3.3	1.1															6	6	4	2														
52/ 51	2.2	2.2	2.2															6	6	9	5														
50/ 49	2.2	4.4	6.7	1.1														13	13	5	7														
48/ 47	2.2	5.0	3.3															10	10	11	6														
46/ 45	2.2	8.9	1.1	3.3														14	14	14	10														
44/ 43		2.2	3.3	1.1														6	6	9	10														
42/ 41	2.2	4.4	3.3															8	9	5	12														
40/ 39		1.1																1	1	10	4														
38/ 37		1.1	1.1	2.2														4	4	4	3														
36/ 35	1.1	2.2	2.2															5	5	2	5														
34/ 33			2.2															2	2	4	5														
32/ 31																				4	4														
30/ 29																				1	2														
28/ 27																					3														
26/ 25																					3														
24/ 23																					1														
TOTAL	20.0	36.9	33.3	7.8														90	90	90	90														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	642042	7532	83.71	11.464	90	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	Total
Dry Bulb	205271	4265	47.4	6.835	90							90
Wet Bulb	188235	4063	45.1	7.354	90		5.0					90
Dew Point	169920	3832	42.6	8.716	90		13.0					90

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	642042	7532	83.7	1.464	90	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90
Dry Bulb	206271	4265	47.4	6.835	90		5.0					90
Wet Bulb	188235	4063	45.1	7.354	90		13.0					90
Dew Point	169920	3832	42.6	8.716	90							90

2

## 2

ДРК

0300-0500

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

PAGE 1 0600-0000

Temp		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71							.1																											1	1			
68/ 67						.1	.1																											2	2			
66/ 65					.1																													1	1	1		
64/ 63	.1	.7		.1	.3																												9	9	5	3		
62/ 61	.1	.5	.5	.3																													11	11	6	7		
60/ 59	.3	.5	.7	.5						.1																							16	16	7	8		
58/ 57	.4	1.6	.3	.3	.1	.1																											23	23	15	5		
56/ 55	.4	2.7	.6	.7	.5	.1		.1																									39	39	26	17		
54/ 53	.7	2.9	2.9	1.0		.3	.1																										60	60	30	29		
52/ 51	.7	2.0	1.5	1.2	.9																												50	50	42	27		
50/ 49	1.4	3.3	3.5	1.0	.7																													76	76	57	43	
48/ 47	2.5	3.8	3.1	.5		.3																												78	78	77	55	
46/ 45	1.7	4.3	2.4	.9	.4																													70	70	79	51	
44/ 43	1.0	4.0	1.0	1.7	.3																													74	74	84	60	
42/ 41	1.3	4.1	2.5	.7																															65	65	62	87
40/ 39	.5	3.9	2.1	.3																															52	52	64	71
38/ 37	.4	3.0	1.3	.5																															40	40	59	38
36/ 35	.4	4.1	.7																																39	39	48	65
34/ 33	.4	2.1	.7																																24	24	43	42
32/ 31	.1	1.0	.3																																15	15	26	56
30/ 29	.4	1.4																																				

**2**

## YEARS

L.P.K.

 Springer

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE CANCELLED

**USAFETAC**

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43214 PYONGTAEK AG K / CAMP HUMPHRIES 6-7, 73-77

SPR  
MONTH

PAGE 1 1200-1400

WET BULB TEMPERATURE DEPRESSION F																																	TOTAL DB W.B.		TOTAL Dry Bulb Wet Bulb Dew Point			
F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61																.1	.1																	1	1			
60/ 79																.1	.1																	4	4			
78/ 77																.3	.1	.1	.4	.1	.3												13	10				
75/ 75																.3	.4	.3	.3	.1	.3												14	14				
74/ 73																.9	.4	.7	.1	.4	.3												23	23				
72/ 71									.1	1.0	.9	.5	.1	.6	.1	.1	.1	.1																29	29			
70/ 69						.3	.6	.5	.8	.8	.7	.0	.4																					39	39			
68/ 67					.3	.9	.5	.5	.6	2.9	.4	.5	.4	.1																				55	55		1	
65/ 65			.1	.4	1.0	.6	1.6	2.2	1.2	1.4	.6	.1																						73	72	4		
64/ 63	.4	.1		.3	.9	1.4	2.1	1.3	.9	.3																								63	63	26	6	
62/ 61		.1	.3	1.3	2.3	1.0	1.9	1.3	1.4																									75	75	32	3	
60/ 59	.3	.3	1.0	1.2	1.6	3.0	2.2	1.6	.6																									92	92	37	18	
58/ 57		.4	1.2	.8	1.3	1.7	2.6	.6	.1																									67	67	46	23	
56/ 55		.6	.7	.9	.5	2.5	.5	.4	.3																									51	51	74	24	
54/ 53	.1	1.7	1.6	1.0	.4	1.6	.4	.3																										50	50	76	26	
52/ 51	.1	1.4	.6	.6	1.6	.9	.8	.3																										50	50	78	38	
50/ 49	.3	1.3	.3	1.3	1.2	.4	.3	.1																										39	39	116	80	
48/ 47	.1	.1		.6	.1	.1	.3																											11	11	60	43	
46/ 45		.4	1.0	.3		.1																												14	14	73	50	
44/ 43		.3		.1	.3																													5	5	46	50	
42/ 41		.3	.1																															3	3	29	71	
40/ 39			.1																															1	1	20	46	
38/ 37			.1																															1	1	7	53	
36/ 35			.1																															1	1	4	63	
34/ 33																																				2	41	
32/ 31																																				1	46	
30/ 29																																					32	
28/ 27																																					20	
26/ 25																																					18	
24/ 23																																					9	
22/ 21																																					6	
20/ 19																																					6	
18/ 17																																					1	
12/ 11																																					3	
Element X	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature							Total																				
Re Hum											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																					
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/440

# PSYCHROMETRIC SUMMARY

43214 PYONGTAK AB K7/CAMP HUMPHREYS 6-7, 73-77

APR

PAGE 1 1500-1700

Temp. °F	WET BULB TEMPERATURE DEPRESSION (°F)																																	TOTAL D.B. W.B. Dry Bulb		TOTAL Wet Bulb Dew Point	
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
84/ 63																																2	2				
82/ 61																																2	2				
80/ 79																																6	8				
78/ 77																																6	6				
76/ 75																																32	32				
74/ 73																																22	22				
72/ 71																																30	30				
70/ 69																																32	32				
68/ 67																																75	75				
66/ 65																																53	53				
64/ 63																																63	63				
62/ 61																																55	55				
60/ 59																																67	67				
58/ 57																																67	67				
56/ 55																																61	61				
54/ 53																																51	51				
52/ 51																																33	33				
50/ 49																																49	49				
48/ 47																																10	10				
46/ 45																																8	8				
44/ 43																																10	10				
42/ 41																																2	2				
40/ 39																																					
38/ 37																																					
36/ 35																																3	3				
34/ 33																																					
32/ 31																																					
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
22/ 21																																					
20/ 19																																					
18/ 17																																					
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$s^2$		No. Obs.		Mean No. of Hours with Temperature							Total																			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

2

2

1

1

USAFETAC FORM 0-26.5 (OLA)  
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

2

10

1

## PSYCHROMETRIC SUMMARY

PAGE 1 2100-2500

[illegible]

2

24

ALL

USAFETAC  
FORM  
0-26-5 (CL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



2

2

1

17

148

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0000-0200

USAFETAC  
FORM 0-26.5 (OLA)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

4321 PUNGTALK AB KFC/CAFP HUMPHRIES ON-67,70,77

45

PAGE 1 0400-0500

NO. 95

Temp.		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
F.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/	71				.4																													1	1			
70/	69				.2																												2	2				
68/	67			.4																													1	1	1			
66/	65			.4	.9	.9																										5	5	3	1			
64/	63	1.3	3.9	3.9	.4																											22	22	4	7			
62/	61		5.2	.4																												13	13	12	3			
60/	59	1.7	3.0	6.1	2.2	.4																										31	31	28	17			
58/	57	.4	4.3	3.5	2.2																											24	24	10	20			
56/	55		5.5	3.9	.9																											19	19	25	10			
54/	53	3.0	5.2	1.7	.4																											24	24	32	31			
52/	51	3.5	6.7	1.3	1.3	.4																										34	34	33	30			
50/	49	1.7	7.8	2.2	.4																											28	28	28	26			
48/	47	1.7	3.9	.4																												14	14	26	37			
46/	45	.4	5.0	.4																												9	9	17	21			
44/	43	.4	1.3																													4	4	10	12			
42/	41																																		2	10		
40/	39																																			5		
36/	35																																			1		
TOTAL		13.950	676.0	6.7	.9																												231	231	231	231		

Element (X)

19912

710048

652654

607866

12738

12214

11774

86.2

55.1

52.9

51.0

9.120

5.763

5.455

5.804

231

231

231

231

≤ 0 F

≤ 32 F

≥ 67 F

≥ 73 F

≥ 80 F

≥ 93 F

Total

93

93

93

## PSYCHROMETRIC SUMMARY

PAGE 1 0600-0000

**USAFETAC** FORM 0-26.5 (OLA)  
0.3. AA RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

PAGE 1 0900-1100

[illegible]

24

47

V 61 A63

2000

**USAFETAC**

## PSYCHROMETRIC SUMMARY

AY

HOUSES

USAFETAC FORM 0-26-5 (O.L.A.)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

17

10. *Chlorophyll *a** and *Chlorophyll *b** were determined by the method of Arar and Collins (1971).

WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
Temp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77											1.1						2.2															3	3		
76/ 75								1.1	1.1	1.1																						2	3		
74/ 73						1.1	1.1	3.2				1.1																				4	6		
72/ 71					4.3	3.2	2.2	3.2					1.1																			13	13		
70/ 69				1.1			2.2	2.2						1.1																		5	6		
68/ 67					3.2	1.1	2.2	1.1	2.2																							9	9	4	
66/ 65		1.1	2.2	3.2	1.1	1.1	4.3																									12	12	10	
64/ 63					4.3	1.1	3.2	1.1																								6	9	12	
62/ 61	1.1			1.1		4.3	4.3	1.1																								11	11	8	
60/ 59		2.2	2.2	1.1	1.1	1.1																										7	7	6	
58/ 57	1.1	2.2	5.4	1.1	1.1																											10	0	11	
56/ 55	1.1	1.1	1.1																													3	3	15	
54/ 53		1.1																														1	1	17	
52/ 51																																		5	8
50/ 49																																		2	9
48/ 47																																			9
46/ 45																																			7
44/ 43																																			1
42/ 41																																			2
TOTAL	3.2	7.5	16.1	70.4	18.3	16.1	12.9	1.1	2.2	2.2																						93	93	93	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	428137	6157	66.2	4.934	93	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	407827	6093	65.5	6.057	93			40.0	12.0			93
Wet Bulb	320903	5445	58.5	4.786	93			4.0				93
Dew Point	267662	4956	53.3	6.216	93							93

DATA PROCESSING TRACE  
 USAF ETAC  
 AIR WEATHER SERVICE/ETAC

# PSYCHROMETRIC SUMMARY

43214 PYING EX AB K/CA P HMPH 145

17

DAY

YEARS

PAGE 1 2100-2500

HOURS 1500

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
72/ 71				1.1													1	1																	
70/ 69		1.1	2.2	2.2	2.2												7	7																	
68/ 67	1.1		2.2	2.2														5	2	2															
66/ 65	1.1		4.3	2.2	1.1													8	4	2															
64/ 63		5.4	3.2	5.4	2.2												15	15	6	2															
62/ 61		1.1		1.1													2	2	12	2															
60/ 59	2.2	6.5	1.1	2.2	3.2												14	14	6	14															
58/ 57			3.2	5.4	1.1												9	9	12	4															
56/ 55		5.4	4.3	5.4													14	14	6	12															
54/ 53	1.1	4.3	6.5	4.3													15	15	10	10															
52/ 51		1.1	1.1														2	2	16	8															
50/ 49		1.1															1	1	13	7															
48/ 47																			4	15															
46/ 45																				9															
44/ 43																				4															
42/ 41																				2															
TOTAL	5.425.628.050.110.0																		93	93	93														

Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	572207	7225	77.78	10.890	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	337364	5580	60.0	5.279	93			13.0				93
Wet Bulb	294504	5210	56.0	5.349	93			2.0				93
Dew Point	267484	4916	52.9	6.276	93			2.0				93

### PSYCHROMETRIC SUMMARY

100-100000, 100-100000

44Y

PAGE 1

ALL

[illegible]

## PSYCHROMETRIC SUMMARY

PAID 1 0000-0260

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

43215 PYONGTAEK AB KAL/CAMP LINDSEY 7,7,77

PAGE 1 0300-0600

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL			TOTAL		
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	DB, W.B.	Dry Bulb	Wet Bulb	Dew Point																			
84/ 83																		1	1																				
75/ 75		1.1	1.1															4	4																				
74/ 73	1.1	.6																3	3	5	4																		
72/ 71		1.1	.6	3.4														9	9	2	2																		
70/ 69		.6	2.3	2.3	1.1													11	11	3	3																		
68/ 67			.6	5.1	1.7													23	23	5	6																		
66/ 65		3.4	10.0	2.3	.6	.0												31	31	35	20																		
64/ 63		.6	9.1	4.0	1.7													41	41	41	41																		
62/ 61		2.3	11.4	.0		1.7												28	28	27	24																		
60/ 59		4.0	4.0	2.3	1.1													20	20	33	31																		
58/ 57		.0																1	1	13	23																		
56/ 55		1.1			.0													3	3	6	7																		
54/ 53				.0														1	1	3	6																		
52/ 51																					3																		
50/ 49																				1	2																		
48/ 47																				1	1																		
46/ 45																					1																		
44/ 43																					1																		
42/ 41																					1																		
TOTAL	27.0	47.7	18.2	10.2	2.8	.0												176	176	176	176																		

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1387541	15541	88.3	9.929	170	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	738176	11374	64.6	4.230	170			26.1	4.1	.5		90
Wet Bulb	690080	10996	62.5	4.199	170			8.2	2.6			90
Dew Point	656674	10734	61.0	5.027	170			7.7	2.0			90

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1383541	15541	88.3	9.929	170	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	90
Dry Bulb	738176	11374	64.6	4.230	170			26.1	4.1	.5		90
Wet Bulb	690086	10996	62.5	4.199	170			8.2	2.6			90
Dew Point	655074	10734	61.0	5.027	170			7.7	2.0			90

USAF ETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

DATA FROM SURVEY OF  
 2  
 AIR FATHER SERVICE/AC

43210 PROJECT: ALK / CAMP CAMPBELL 7-7, 73-77

PAGE 1 0000-0000

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/ 77																																	3	2			
76/ 75	.4					1.1	.3	.6																								13	13	1	1		
74/ 73	.2	.3			1.1	.3	.6																									13	13	3	2		
72/ 71		.4	2.1	.3	.3	.6																										23	23	3	3		
70/ 69		4.1	3.1	2.1	.3	.6	.2																									72	72	29	3		
68/ 67	1.2	3.2	7.1	1.1	.3	.6	.3																									104	104	69	49		
66/ 65	1.2	4.5	5.3	2.1	.3	.6	.3																									125	125	100	69		
64/ 63	1.4	7.7	4.3	1.5	.3	.6	.3																									103	103	113	92		
62/ 61	1.7	7.7	1.7	1.1	.3	.6	.2																									82	82	117	105		
60/ 59	3.6	4.5	1.7	.3	.6	.3	.2																									66	66	108	152		
58/ 57	.6	2.3	.3	.3	.6	.3	.2																									23	23	53	54		
56/ 55	.2	.3	.3	.2	.6	.3	.2																									14	14	52	49		
54/ 53	.3	.3	.3	.2	.6	.3	.2																									7	7	13	37		
52/ 51		.2																														1	1	5	14		
50/ 49		.3																														2	2	5	13		
48/ 47																																			5		
46/ 45																																			4		
44/ 43																																			2		
42/ 41																																			5		
40/ 39																																			1		
TOTAL	9.0	42.6	29.2	11.4	4.0	1.4	.0																										660	660	660	660	

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4841056	56116	85.01	10.294	660	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	2794258	42836	64.9	4.621	660			32.3	4.5			90
Wet Bulb	2356634	40976	62.1	4.380	660			14.3	.5			90
Dew Point	2405871	39705	60.2	5.117	660			7.9	.4			90

USAFETAC FORM 0-26-5 (OL A) JUL 64

Element X	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	4841056	56116	85.0	10.294	660	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	90
Dry Bulb	2794258	42836	64.9	4.621	660			32.3	4.5			90
Wet Bulb	2356634	40976	62.1	4.380	660			14.3	.5			90
Dew Point	2405871	39705	60.2	5.117	660			7.9	.4			90

## PSYCHROMETRIC SUMMARY

7-7, 73-77

PAGE 1 0900-1100

[illegible]

## PSYCHROMETRIC SUMMARY

PAGE 1 1255-1400

Temp. °F	WET BULB TEMPERATURE DEPRESSION °F																												TOTAL		TOTAL	
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point												
92/ 91									.3								7	7														
90/ 89								.3	.3								8	8														
88/ 87						.2	.3	.3	.5	.2	.2						11	11														
86/ 85						1.5	.5	1.2	.2	.2							25	25														
84/ 83			.3	.2	.3	2.3	1.1	.3	.2	.3	.2	.2					42	42														
82/ 81			.2	.3	2.4	3.8	1.1	1.1	.5	.2		.2					64	64														
80/ 79		.3	.3	2.5	4.2	2.1	2.3	2.1	.2	.3							71	71														
78/ 77		.2	1.2	4.4	3.9	4.1	2.6	.3	.3								112	112														
76/ 75		.9	1.5	3.3	3.5	3.6	.9	.5				.2					93	93	10	4												
74/ 73		.6	2.8	2.4	1.7	1.7	.6	.1				.2					61	61	37	2												
72/ 71		.2	.9	.9	2.8	.2	.6	.2									36	36	74	5												
70/ 69		.8	.9	1.1	1.6	.3	.5	.2		.2							37	37	102	23												
68/ 67	.2	1.1	2.5	1.5	1.2	.6		.2									48	48	157	71												
66/ 65		.3	1.2	1.1	.2	.2											19	19	133	41												
64/ 63		.3	.1		.2	.3											16	16	96	91												
62/ 61		.6															4	4	51	87												
60/ 59		.6															4	4	36	99												
58/ 57																			11	67												
56/ 55			.6														1	1	4	58												
54/ 53		.3															2	2	7	25												
52/ 51																			4	13												
50/ 49																				19												
48/ 47																				5												
46/ 45																				5												
44/ 43																				1												
42/ 41																				2												
36/ 35																				1												
34/ 33																				1												
30/ 29																				1												
TOTAL	.2	4.1	8.2	10.0	17.5	17.5	19.5	10.7	6.8	.3	1.2	.5					661	661	661	661												

Element (X)	$\Sigma x$	$\Sigma x^2$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2563464	40096	60.7	14.102	661							
Dry Bulb	3855751	50331	76.1	5.949	661			84.6	68.9	24.6		90
Wet Bulb	2936017	43963	66.5	4.272	661			44.7	6.1			90
Dew Point	2469990	40224	60.9	5.803	661		.1	14.3	.8			90

DATA PROCESSING BRANCH  
USAF CIAC  
AIR WEATHER SERVICE/CIAC

## PSYCHROMETRIC SUMMARY

43216 PYRROGTSEK AS K/CAIP COMPHK125 7-73, 73-77

PAGE 1 1500-1700

Temp.		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/	93																			.2		.2													2	2		
92/	91																			.2		.2				.2									3	3		
90/	89																			.3		.3													6	6		
88/	87									.2										.5		.5													12	12		
86/	85										.3	2.3	1.3	1.0	1.0	.2	.2																		42	42		
84/	83					.2					.2	2.4	1.3	1.0	.8	.2																			37	37		
82/	81						1.1	1.5	2.7	1.2	1.3	1.1	.2	.3																					71	71		
80/	79				.3	.5	2.4	4.5	1.8	3.8	1.3	.2	.3																						92	92		
78/	77			.3	1.0	4.2	2.9	4.7	1.8	1.3	.3	.2	.2	.2																					105	105		
76/	75			.8	2.8	1.3	1.0	4.7	.3				.2	.2												.2									75	75		
74/	73				1.5	.8	2.7	2.4	1.8	.3																									59	59		
72/	71			.3	.8	1.1	.0	.3	1.0																										26	26		
70/	69	.2	1.1	1.5	.3	1.5	.5																												31	31		
68/	67		1.1	1.3	1.1	.2	.5	.2																											27	27		
66/	65	.2	1.3		.3	.2	.3																												12	12		
64/	63	.6	.6	.5																																8	8	
62/	61	.2	.6																																	6	6	
60/	59		.2																																	1	1	
58/	57		.2	.2																																2	2	
56/	55			.6																																1	1	
54/	53		.2																																	1	1	
52/	51																																					
50/	49																																					
48/	47																																					
46/	45																																					
42/	41																																					
40/	39																																					
32/	31																																					
TOTAL		1.5	5.5	7.3	7.9	14.4	15.2	21.5	12.9	7.6	.2	1.6	.6	.3																					619	619		
												</																										



2

## YEARS

ju:

44

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

4321- PYRETHROID AS K /CAP THUPHRI 7-7, 73-77

44.

PAGE 1

ALL

MS 5

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																						
94/ 93																																		2	2																							
92/ 91																			.1			.0											5	5																								
90/ 89																			.1	.1													11	11																								
88/ 87																			.2	.2	.2	.1	.0										23	23																								
86/ 85																			.3	.3	.2	.1	.0										70	70																								
84/ 83																			.3	.4													92	92																								
82/ 81																			.5	.4	.1	.1	.0										168	168																								
80/ 79																			.7	.1	.1												228	228	7																							
78/ 77																			.4	.1	.0	.0											294	295	10	1																						
76/ 75																			.1	.1	.0												319	319	31	18																						
74/ 73																			.1															250	250	105	21																					
72/ 71																			.0	.0														218	218	210	28																					
70/ 69																			.2	.0	.0													287	287	373	96																					
68/ 67																			.1	.1	.0													316	316	433	306																					
66/ 65																			.0																270	270	574	361																				
64/ 63																			.1																233	233	521	503																				
62/ 61																			.0	.0														149	149	369	450																					
60/ 59																			.0															103	103	240	476																					
58/ 57																			.0															28	28	118	289																					
56/ 55																			.1															20	20	56	223																					
54/ 53																			.1															11	11	32	132																					
52/ 51																			.0															1	1	14	64																					
50/ 49																			.1															2	2	9	63																					
48/ 47																																				3	22																					
46/ 45																																					19																					
44/ 43																																					5																					
42/ 41																																					13																					
40/ 39																																					3																					
38/ 37																																					1																					
36/ 35																																					1																					
34/ 33																																					1																					
32/ 31																																					1																					
30/ 29																																					1																					
Element (X)	Σ X																															Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature							Total											
Rel. Hum.																																								≤ 0 F							≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F			
Dry Bulb																																																										
Wet Bulb																																																										
Dew Point																																																										



## PSYCHROMETRIC SUMMARY

4321 PYROSTREK AS KZ/CAMP HEMPHRIS 17  
STATION NAME

YEA 65

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PAGE 1 0000-0,00

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
50/ 79				2.2	0.0																													15	10		
78/ 77				0.0	0.4	1.3																												24	24	11	10
76/ 75				10.1	9.7	3.2																												27	27	31	25
74/ 73				0.7	14.0																													22	22	28	25
72/ 71				0.0	2.2																													6	6	18	21
70/ 69				0.0																														3	3	4	11
68/ 67				1.1																														1	1	1	1
TOTAL				42.0	33.3	3.7																												93		93	93

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43215 PYONGTAEK AB KH/CAMP HUMPHRIES 66-67,70,77

JUL

PAGE 1 0300-0500

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb		TOTAL Wet Bulb		TOTAL Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

## PSYCHROMETRIC SUMMARY

4321- PTDACFLK AB. K. /CAMP THOMPSON 16-70, 73-77

JCL

PAGE 1 0000-0000

1995

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
85/ 85									.3	.1																							7	3			
84/ 83									.2	.1																							10	10			
82/ 81				1.9	1.9			.4																									33	33			
80/ 79			3.1	3.0	1.8		.1																										74	76	2	2	
78/ 77		.3	7.1	5.2	2.6		.5																										125	125	67	29	
76/ 75		3.5	5.9	5.7	.5		.4																										122	122	140	128	
74/ 73		3.0	4.0	3.7	1.7		.4	.3	.1																								107	102	152	135	
72/ 71		1.7	4.3	3.4	.8		.3																										67	80	98	94	
70/ 69		1.2	7.5	1.3	.3	.5																											79	79	96	89	
68/ 67		1.4	4.5	1.8	.4	.1																											64	64	101	107	
66/ 65		.6	2.1	1.5	.5																												35	35	43	70	
64/ 63		.1	.3	.3	.1																												14	14	30	31	
62/ 61			1.2	.7																													13	13	22	30	
60/ 59		.4	1.0	.1																													12	12	19	29	
58/ 57			.6																														5	5	12	16	
56/ 55																																				3	14
54/ 53																																					1
TOTAL	12.041	530.6	11.5	2.7	.5	.1																											775		775	775	

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	6101426	68478	88.4	8.101	775	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	4197264	56890	73.4	5.230	775			83.5	56.8	9.4		93
Wet Bulb	3912986	54938	70.9	4.896	775			77.5	43.3	.1		93
Dew Point	3784781	54019	69.7	5.277	775			70.1	35.3			93

## PSYCHROMETRIC SUMMARY

43210 PYCHITAEK AB K 1/CAEP H.H.PHRIPS 6-7, 73-77

JUL

PAGE 1 0900-1100

[illegible]

## PSYCHROMETRIC SUMMARY

PAGE 1 1200-1400

[illegible]

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**USAFETAC**

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DATA PROCESSING PAGE  
 1540 11/16  
 11/16 11/16 11/16 11/16

# PSYCHROMETRIC SUMMARY

301 PSYCHROMETRIC SUMMARY/PHYSICS 11/16

PAGE 1 1500-2000

WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL			TOTAL		
																																	D.B. W.B.			Dry Bulb Wet Bulb Dew Po		
02/ 01									1.0																							1	1					
02/ 09								1.0																								2	2					
04/ 07							1.0	5.2	3.1	1.0																						15	10					
04/ 05						1.0	3.1	3.1	3.1																							12	10					
04/ 03							6.2	5.7	1.0	1.0																						17	13					
02/ 01			4.1	12.4	9.3	2.1																										27	27					
02/ 09			4.1	6.2	4.1	1.0																										14	14					
04/ 07		2.1	1.0	2.4	2.1																											11	10					
04/ 05			2.1	4.1	1.0																												7	7				
02/ 01			1.0																														1	1				
02/ 09		2.1																															2	2				
04/ 07																																	2	2				
04/ 05																																	2	2				
02/ 01			5.2	10.3	7.3	5.2	6.1	7.3	8.2	3.1																							97	97				
																																	97	97				

USAFETAC FORM 0265 (OL A) JUL 64

## PSYCHROMETRIC SUMMARY

126

1. *Chlorophyll a* (Chl *a*)

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
127 51				1.1	0.8	2.2																														
807 79				7.5	11.8	1.1																														
787 77				5.1	11.5	9.7																														
767 75				7.2	16.8	8.5																														
747 73				4.8	8.0																															
727 71				4.5	2.2	1.1																														
707 69																																				
687 67																																				
667 65																																				
647 63																																				
627 61																																				
607 59																																				
587 57																																				
567 55																																				
547 53																																				
527 51																																				
507 49																																				
487 47																																				
467 45																																				
447 43																																				
427 41																																				
407 39																																				
387 37																																				
367 35																																				
347 33																																				
327 31																																				
307 29																																				
287 27																																				
267 25																																				
247 23																																				
227 21																																				
207 19																																				
187 17																																				
167 15																																				

MAIL PROCESSING BRANCH  
OSAF : SAC  
AIR : LATIN SERVICE/AC

## PSYCHROMETRIC SUMMARY

6321 DYNASTY AT KATHUPOLY 66-75, 73-77

PAGE 1

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Temp. F.	WET BULB TEMPERATURE DEPRESSION (F.)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
95/ 95													.1	.1	.1	.0																	13	13				
94/ 93											.1	.2	.3	.2																			37	37				
92/ 91												.0	.9	.4																			66	66				
90/ 89									.0	1.0	.7	.3			.1	.0																	110	110				
88/ 87					.2	1.0	2.0	.6	.2	.0	.1																						190	190				
86/ 85				.2	1.0	3.1	2.7	1.0	.4	.2	.2																						346	346				
84/ 83				.7	3.0	1.3	1.4	1.1	.4	.2	.1	.0																					321	321	13			
82/ 81			.2	2.4	4.0	1.3	1.3	.0	.0	.1	.1																						369	369	1.3	6		
80/ 79			2.0	3.0	2.0	1.2	1.1	.0	.2	.0																							406	406	3.0	84		
78/ 77	1.0	3.4	3.2	2.3	1.2	.0	.2	.1	.0																								440	449	3.1	332		
76/ 75	2.1	3.5	3.3	1.0	.0	.2	.2																										412	412	6.5	609		
74/ 73	1.7	2.8	1.0	1.3	.4	.2	.0																										301	301	6.0	583		
72/ 71	1.1	1.7	1.4	.4	.2																												176	176	4.0	451		
70/ 69	.0	2.3	.7	.2	.3	.1																											163	163	3.0	339		
68/ 67	.1	1.0	.7	.2	.2																												114	114	2.0	407		
66/ 65	.1	.7	.1	.3																													54	54	1.0	442		
64/ 63	.1	.7	.1	.1																													41	41	.74	147		
62/ 61		.3	.1																														24	24	.60	92		
60/ 59	.1	.3	.1																														17	17	.38	85		
58/ 57		.2	.0																														9	9	.19	46		
56/ 55																																		5	5		47	
54/ 53																																			1	1		8
52/ 51																																					2	2
1.1.1.1	7.720.0	19.410.5	12.3	12.0	5.0	2.0	1.0	.4	.1																									3618	3618		3618	
																					</																	

DATA PROCESSING BRANCH  
MAIL ROOM  
AIR MAILER SERVICE/AC

## PSYCHROMETRIC SUMMARY

4321- PRUGLIEK /C/ P. P. RIFUS 2,7.-77

Page 4 0000-0200

Temp		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/	63																																	1	1		
62/	61																																2	2			
78/	77	2.0	1.9																														5	5	6	3	
76/	75	0.0	2.0																														13	13	9	12	
74/	73		13.0																														15	15	9	4	
72/	71	2.0	3.0	2.0	2.0	1.0																											18	18	16	17	
70/	69		0.9	7.4	1.7	0.9																											16	16	5	7	
68/	67	3.7	0.9	0.2	3.7	1.0																											22	22	3	6	
66/	65	2.0	3.0	1.0																													17	12	25	9	
64/	63		1.0																														2	2	19	20	
62/	61																																1	1		12	
60/	59																																1	1	2	11	
58/	57																																			4	
56/	55																																			3	
TOTAL		21.333	3.573	113.0	5.0	3.7																											105	105	105	108	

Element (X):	ΣX'	ΣX	Σ	Σ <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	836081	9385	46.91	1.658	100	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	542842	7644	70.8	4.120	100			79.2	31.0	2.6		93
Wet Bulb	503697	7357	68.1	4.868	100			46.5	20.7			93
Dew Point	481936	7186	66.5	5.960	100			42.2	16.4			93

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42217 PHILIPPIAN ARMY / CAMP CAMPBELL 64-17,70,75-17  
STATION NAME

PAGE 1 0300-0000

USAFETAC  
FORM  
JUL 84  
0-26.5 (CLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM JUL 64

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DATA PROCESSING TRANSFER  
USAFETAC  
AIR WEATHER SERVICE/FAO

## PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB KJ/CAMP HUMPHRIES 66-77, 73-77

PAGE 1 0900-1100

Temp. °F	WET BULB TEMPERATURE DEPRESSION (°F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91						.5	.1																									4	4		
90/ 89					1.1	.7	.5	.4																								23	23		
88/ 87					2.5	1.2	.4	.4																									40	40	
86/ 85				.3	4.0	6.0	3.1	.8	.2																								126	126	
84/ 83				3.2	6.4	2.0	.5	.8	.4																								126	126	
82/ 81				3.9	7.2	1.9	1.2	.8	.1																								126	126	
80/ 79		1.8	3.4	4.8	1.2	1.7			.7																								113	113	
78/ 77	1.1	2.8	3.0	1.9	.4	1.1	.1																										85	85	
76/ 75	1.1	1.8	2.3	1.9	1.1	1.1	.1																										77	77	
74/ 73	1.4	1.4	1.2	.6	.8	.3	.1																										49	49	
72/ 71		1.0	.8	.8	.4																												23	23	
70/ 69	.5	.7	.8																														14	14	
68/ 67	.3	.4	.3		.1	.1																											13	13	
66/ 65	.2	.6	.1																														8	8	
64/ 63																																			
62/ 61																																			
60/ 59																																			
58/ 57																																			
56/ 55																																			
54/ 53																																			
50/ 49																																			
TOTAL	4.3	10.5	16.0	20.1	11.8	8.1	3.5	3.0	2.2																								829	829	

Element (X)	Σ X <sup>2</sup>	Σ X	Σ	Σ <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4962156	63444	76.5	1.354	829	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5377326	66604	80.3	5.059	829			92.1	86.5	54.0		93
Wet Bulb	4626726	61836	74.6	4.158	829			87.7	69.7	6.8		93
Dew Point	4327832	59734	72.1	4.874	829			80.3	51.7	.7		93

USAFETAC FORM 026-5 (OL A) JUL 64

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4962156	63444	76.58	1.354	829	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	5372326	66604	80.3	5.059	829			92.1	86.5	54.0		93
Wet Bulb	4626726	61836	74.6	4.158	829			87.7	69.7	6.8		93
Dew Point	4327832	59734	72.1	4.874	829			80.3	51.7	.7		93

## PSYCHROMETRIC SUMMARY

AUL,

*M. J. Griffin*

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2DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

43218 PYUNGTAEK AIR K/CGP TOWPHRIPS 5-1, 73-77

PAGE 1 1500-1700

T		WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/	95																																		3	3		
94/	93																																		3	8		
92/	91																																		48	48		
90/	89																																		84	84		
88/	87																																		140	140		
86/	85																																		153	153		
84/	83																																		76	76	6	
82/	81																																		51	51	47	5
80/	79																																		57	57	177	30
78/	77																																		35	35	161	114
76/	75																																		24	24	109	155
74/	73																																		14	14	77	119
72/	71																																		11	11	47	75
70/	69																																		6	6	58	57
68/	67																																				18	60
66/	65																																		3	3	9	38
64/	63																																				4	30
62/	61																																					14
60/	59																																					7
58/	57																																					1
56/	55																																					6
54/	53																																					1
50/	49																																					1
TOTAL		1.1	6.7	8.0	13.9	18.4	22.3	11.4	9.0	5.9	2.2																								713	713	713	713

Element (X)	$\Sigma X^1$	$\Sigma X^2$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum	3429718	48562	68.113	5.100	713	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5118786	60302	84.6	5.131	713			92.6	90.4	76.2	1.4	93
Wet Bulb	4132279	54209	76.0	5.894	713			91.3	75.3	16.3		93
Dew Point	3767667	51657	72.5	5.043	713			80.2	55.2	1.3		93

USAFETAC FORM 0265 (OLA) REVISION 10-64

## PSYCHROMETRIC SUMMARY

PAGE 1 1800-2000

USAFETAC FORM 0-26.5 (CL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1-7, 73, 75-77

10. *Journal of the American Medical Association*, 277:1033-1034, 1997

USAFETAC FORM 0-26.5 (OL A) JUL 84

## PSYCHROMETRIC SUMMARY

PAGE 1 ALL

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DATA PROCESSING RANGE  
 USAF 6140  
 AIR FATHER SERVICE/740

# PSYCHROMETRIC SUMMARY

8321-1 PONDITEX AB K/CAFE MICHIGAN 77

SEP  
 PAGE 1 0000-0200

WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
																															D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31												
76/ 75	1.1	1.1																						2	2										
74/ 73	2.2	3.3	2.2	1.1																				8	8	4	4								
72/ 71	14.4	2.2	3.3																					18	18	15	17								
70/ 69		2.2	3.3	1.1	1.1																			7	7	6	2								
68/ 67		1.1	7.6	1.1																				9	9	4	6								
66/ 65	1.1		2.2																					3	3	11	5								
64/ 63		6.9	3.3	1.1																				12	12	4	9								
62/ 61	2.2	8.9																						10	10	13	4								
60/ 59	1.1																							1	1	11	15								
58/ 57	4.4																							2	2	2	9								
56/ 55	3.3	3.3		3.3																				9	9	3	4								
54/ 53	2.2	2.2																						4	4	5	3								
52/ 51	1.1	1.1																						2	2	3	4								
50/ 49																										4	1								
48/ 47																											1								
46/ 45	1.1	2.2																						3	3	2	5								
44/ 43																										1	1								
TOTAL	31.136	722.2	1.1	1.1																				90	90	90	90								

Element	$\Sigma x$	$\Sigma x^2$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	739059	8117	90.2	8.866	90	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Dry Bulb	381719	5823	64.7	7.473	90			44.0	10.0			90
Wet Bulb	361002	5660	62.9	7.533	90			31.0	4.0			90
Dew Point	349622	5556	61.7	7.955	90			29.0	2.0			90

USAFETAC 0205 (C. A) 0000-0200

Element	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	739059	8117	90.2	6.866	90	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	381719	5823	64.7	7.473	90			44.0	10.0			90
Wet Bulb	361002	5660	62.9	7.533	90			31.0	4.0			90
Dew Point	349622	5556	61.7	7.955	90			29.0	2.0			90

## PSYCHROMETRIC SUMMARY

$$P_{L, \text{ref}} = 1 \quad \text{at } x = 0.00$$
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UNITED STATES DEPARTMENT OF  
COMMERCE  
BUREAU OF ECONOMIC SERVICE

## PSYCHROMETRIC SUMMARY

[illegible]

Part 1 0000-0.00

[illegible]

## PSYCHROMETRIC SUMMARY

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Page 1 2940-1100

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USAFETAC  
FORM 0265 (CL-A)  
REPLACES EDITION OF 1971. IS AVAILABLE FOR THE

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USAFETAC

## PSYCHROMETRIC SUMMARY

PAGE 1 1500-1700

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DATA PROCESSING SERVICE/ SAC  
USAF LIAISON  
AIR FATHER SERVICE/ SAC

## PSYCHROMETRIC SUMMARY

4321 PYRETHROID AND KIN/CAMP COMPLEXES

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644

PAGE 1 1000-2000

1980

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
52/ 61						5.0	1.0			1.0																							6	5			
50/ 79			1.0	2.0		1.0	1.0	1.0																									6	0			
78/ 77	1.	2.0	3.0	5.0	1.0	1.0	1.0	1.0	1.0																								15	15	7	2	
76/ 75	1.	2.0	3.0	1.0	1.0	3.0																											11	11	11	2	
74/ 73	2.	1.0	2.0	2.0	1.0	1.0	3.0																										12	12	6	10	
72/ 71			3.0	1.0	2.0	1.0	1.0																										6	6	6	7	
70/ 69	1.	2.0	3.0	1.0	1.0	1.0																											12	12	10	10	
68/ 67	1.	2.0	4.0	2.0	1.0																												10	10	9	7	
66/ 65	1.	3.0	3.0		2.0																												9	9	15	8	
64/ 63		2.0	2.0	1.0							1.0																						6	6	12	13	
62/ 61		1.0	1.0																														2	2	12	7	
60/ 59		1.0	2.0																														3	3	5	11	
58/ 57						1.0																											1	1	3	7	
56/ 55																																				2	4
54/ 53				1.0																													1	1		9	
52/ 51																																				1	1
50/ 49																																				2	
44/ 43																																					2
38/ 37																																				1	
Total	6.	16.	63.	71.	61.	7.	7.	5.	2.																								101	101	101	101	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	623463	7809	77.3	14.034	101	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	519591	7219	71.5	6.009	101			70.4	43.7	5.3		90
Wet Bulb	452057	6729	66.6	6.120	101			43.7	19.6			90
Dew Point	414766	6426	63.6	7.694	101			33.9	12.5			90

DATA PROCESSING BRANCH  
OSAF ETAC  
AIR MAIL SERVICE/ETAC

## PSYCHROMETRIC SUMMARY

4321 PYCOSTACK A/C /CAMP BUSPHR15 7

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PAGE 1 2100-2200

1955

WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 77																																		1	1		
76/ 75					2.2	3.3	3.3																											2	0		
74/ 73				3.3	1.1	1.1																												14	14	11	4
72/ 71				3.3	2.2	1.1	1.1	2.2																										9	9	13	16
70/ 69					2.2	7.0	1.1	1.1																										11	11	4	5
68/ 67					1.1	5.7	1.1																											2	6	4	5
66/ 65					3.3	2.2																												5	5	11	7
64/ 63				1.1	6.7	3.3																												10	10	11	11
62/ 61				1.1	6.7																													7	7	15	7
60/ 59					1.1	2.2	2.2																											5	5	4	12
58/ 57				2.2	6.7																													8	8	4	7
56/ 55					1.1																													1	1	7	2
54/ 53						1.1																												1	1	2	9
52/ 51																																					1
50/ 49					2.2																													2	2	1	1
48/ 47																																					2
46/ 45																																					3
TOTAL					11.146	78.9	6.5	4.4																											90		90
																																			90		90

Element - X	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	690273	7847	87.2	0.280	90	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	406109	6017	66.9	0.568	90			51.0	73.0			90
Wet Bulb	377225	5797	64.4	0.563	90			32.0	11.0			90
Dew Point	360918	5664	62.9	7.0P2	90			30.0	4.0			90

0-265 (CL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING CENTER  
5040 E. 11TH  
AIR CATER SERVICE, INC.

## PSYCHROMETRIC SUMMARY

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ALL

FOR SALE

T.M.		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 71														.2	.0																			1	1		
90/ 69														.3	.0																			7	7		
88/ 67													.4	.3	.1	.0																		25	25		
86/ 65						.1	.9		.7	.4	.2	.1	.1																					59	69		
84/ 63					.0	.7	.5	.5	.9	.3	.1	.1	.1																					112	112		
82/ 61				.0	1.1	.7	.7	1.1	.9	.5	.1	.1																						191	191		
80/ 79		.2	.7	1.4	1.2	1.2	1.2	.7	1.1	.7	.3	.1																						253	253	19	1
78/ 77	.4	.5	1.1	1.3	1.2	1.4	1.6	1.0	.9	.1																								312	312	75	17
76/ 75	.2	1.0	1.0	1.5	1.6	1.4	1.4	1.1	.9	.1																								330	330	135	72
74/ 73	.5	1.2	1.0	1.5	.7	1.3	1.3	.7	.1																									301	301	225	155
72/ 71	1.0	1.3	1.0	.0	1.4	.0	.5	.1	.1	.1																								283	283	256	119
70/ 69	.7	1.6	1.0	.8	1.0	.9	.5	.3	.1	.0																								270	270	337	222
68/ 67	1.4	1.7	2.3	1.1	.0	.3	.3	.1	.0																									291	291	374	226
66/ 65	1.1	1.7	1.2	.0	.4	.3	.1	.0	.0																									189	189	398	259
64/ 63	.7	2.1	1.3	.2	.2	.1	.1	.1																										155	155	376	311
62/ 61	.7	1.7	.5	.4	.1	.0	.0																											127	127	341	270
60/ 59	.7	1.3	.8	.3	.2	.1	.1																											110	110	210	324
58/ 57	.0	1.2	.5	.0	.1																													83	83	164	250
56/ 55	.5	1.2	.3	.2	.0	.0																												76	76	120	242
54/ 53	.7	1.																																			

0.265 (CL A)

USAFETAC

## PSYCHROMETRIC SUMMARY

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YEARS

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1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

| Temp.  |      | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |           |
|--------|------|-------------------------------------|-----|-----|-----|-----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|
| F      | C    | 1                                   | 2   | 3   | 4   | 5   | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 |      |                                     |     |     | 2.2 | 1.1 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 3         | 3        |          |           |
| 70/ 69 |      |                                     |     | 1.1 |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1         | 1        |          |           |
| 68/ 67 |      |                                     |     | 2.2 |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2         | 2        | 3        |           |
| 66/ 65 | 1.1  |                                     |     | 1.1 |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2         | 2        | 4        |           |
| 64/ 63 | 1.1  | 4.3                                 | 1.1 |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6         | 6        | 1        |           |
| 62/ 61 | 2.2  | 2.2                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4         | 4        | 9        |           |
| 60/ 59 | 3.2  | 2.2                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5         | 5        | 4        |           |
| 58/ 57 |      | 5.4                                 | 1.1 |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6         | 6        | 2        |           |
| 56/ 55 |      | 2.2                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2         | 2        | 6        |           |
| 54/ 53 | 17.2 | 4.3                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 20        | 20       | 21       |           |
| 52/ 51 | 4.3  | 5.4                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 9         | 9        | 3        |           |
| 50/ 49 | 3.2  | 2.2                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5         | 5        | 6        |           |
| 48/ 47 | 5.5  | 3.2                                 | 1.1 |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 16        | 10       | 8        |           |
| 46/ 45 | 0.5  | 2.2                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6         | 6        | 7        |           |
| 44/ 43 | 3.2  | 1.1                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4         | 4        | 5        |           |
| 42/ 41 | 1.1  | 3.2                                 |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4         | 4        | 3        |           |
| 40/ 39 | 1.1  |                                     |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1         | 1        | 4        |           |
| 38/ 37 | 1.1  |                                     |     |     |     |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1         | 1        | 1        |           |
| 1.1 AL | 51.5 | 35.5                                | 9.7 | 2.2 | 1.1 |     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 93        | 93       | 93       |           |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
|             |             |            |           |            |          | $\leq 0 F$                         | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ |       |
| Rel. Hum.   | 821016      | 8718       | 93.7      | 7.922      | 93       |                                    |             |             |             |             |             |       |
| Dry Bulb    | 272031      | 4977       | 53.5      | 7.858      | 93       |                                    |             | 6.0         | 3.0         |             |             | 93    |
| Wet Bulb    | 261056      | 4882       | 52.5      | 7.206      | 93       |                                    |             | 3.0         |             |             |             | 93    |
| Dew Point   | 253339      | 4809       | 51.7      | 7.123      | 93       |                                    |             |             |             |             |             | 93    |

**2**

4321. PAVLOV, A. V. /С. Р. ПИЛПРИЦ. 1970, 77

C. I.

H. S. G.

USAFETAC FORM 0-26-5 (OL A) JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB K / CAMP JOHNSON 6-70, 73-77

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| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |                  |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |                    | TOTAL              |     |     |
|-----------|-------------------------------------|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|--------------------|-----|-----|
|           | 0                                   | 1                | 2                | 3                | 4        | 5                                  | 6      | 7      | 8      | 9      | 10     | 11    | 12    | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. Dry Bulb | Wet Bulb Dew Point |     |     |
| 68/ 67    |                                     |                  |                  | .1               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 1                  | 1                  |     |     |
| 66/ 65    | .2                                  | .4               |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6     | 6                  | 4                  | 3   |     |
| 64/ 63    | 1.2                                 | .9               | .7               |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 23                 | 23                 | 13  | 11  |
| 62/ 61    | .6                                  | 1.4              | .3               |                  |          |                                    |        | .1     | .1     |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 25                 | 25                 | 17  | 13  |
| 60/ 59    | .2                                  | 2.2              | 1.3              | .3               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 35                 | 35                 | 25  | 17  |
| 58/ 57    | 2.1                                 | 1.9              | 1.8              | .1               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 40                 | 40                 | 31  | 43  |
| 56/ 55    | 2.2                                 | 4.2              | 3.0              | .5               | .1       |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 78                 | 78                 | 39  | 33  |
| 54/ 53    | 2.0                                 | 3.6              | 2.4              | .3               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 69                 | 69                 | 70  | 57  |
| 52/ 51    | 1.6                                 | 3.7              | 1.3              | .3               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 55                 | 55                 | 37  | 47  |
| 50/ 49    | 3.2                                 | 6.0              | 1.3              | .1               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 85                 | 85                 | 32  | 61  |
| 48/ 47    | 2.2                                 | 5.5              | .6               | .1               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 66                 | 66                 | 70  | 74  |
| 46/ 45    | 3.1                                 | 3.6              | .3               | .3               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 55                 | 55                 | 73  | 92  |
| 44/ 43    | 3.0                                 | 5.6              | .4               | .1               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 71                 | 71                 | 75  | 64  |
| 42/ 41    | 2.2                                 | 4.3              | .3               |                  | .1       |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 55                 | 55                 | 54  | 72  |
| 40/ 39    | .6                                  | 3.0              | .4               |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 32                 | 32                 | 34  | 45  |
| 38/ 37    | 1.9                                 | 1.4              | .4               |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 29                 | 29                 | 35  | 34  |
| 36/ 35    | 1.0                                 | 2.7              | .1               |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 30                 | 30                 | 26  | 28  |
| 34/ 33    | .6                                  | .5               |                  | .1               |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 11                 | 11                 | 29  | 27  |
| 32/ 31    | .3                                  | .9               | .3               |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 11                 | 11                 | 5   | 18  |
| 30/ 29    |                                     | .3               |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 2                  | 2                  | 7   | 9   |
| 28/ 27    |                                     |                  |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    | 3   | 5   |
| 26/ 25    |                                     |                  |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     | 2   |
| 24/ 23    |                                     |                  |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     | 1   |
| 22/ 21    |                                     |                  |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     | 1   |
| 20/ 19    |                                     |                  |                  |                  |          |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     | 2   |
| Total     | 30.0                                | 52.4             | 14.9             | 2.3              | .4       |                                    |        |        |        |        |        |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 779                | 779                | 779 | 779 |
| Element X | Σ X                                 | Σ X <sup>2</sup> | Σ X <sup>3</sup> | Σ X <sup>4</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        |       | Total |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     |     |
| Rel. Hum. | 6477995                             | 70703            | 90.8             | 8.552            | 779      | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     |     |
| Dry Bulb  | 1912255                             | 38115            | 48.9             | 7.802            | 779      |                                    | 1.6    | .1     |        |        |        | 93    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     |     |
| Wet Bulb  | 1807482                             | 37050            | 47.6             | 7.635            | 779      |                                    | 1.8    |        |        |        |        | 93    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     |     |
| Dew Point | 1717581                             | 36043            | 46.3             | 8.011            | 779      |                                    | 4.5    |        |        |        |        | 93    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    |     |     |

USAFETAC 0-26.5 (OL A) FORM 1 JUL 64 REVISION PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING BRANCH  
USAFETAC  
AIR CARRIER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

9321 PYCOTER ASX / CAMP (UNP) 0 0-7, 73-77

STATION NAME

YEARS

PAGE 1 0900-1100

MOON

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B. W.B. Dry Bulb |  | TOTAL<br>Wet Bulb Dew Point |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|           | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                             |  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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USAFETAC FORM 0-26-5 (OLA) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH  
USAFETAC  
AIR FATHER SERVICE/NAAC

# PSYCHROMETRIC SUMMARY

4320 PYROTECH AD K/H/CAFE HUMPHRIES 6-67, 70, 77

DATE 1 0400-1000

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |     |
|-----------|-------------------------------------|------|------|-----|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
|           | 0                                   | 1    | 2    | 3   | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| 57/ 57    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 1        | 1        |           |     |
| 56/ 55    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 1         | 1        |          |           |     |
| 54/ 53    | 1.0                                 |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 2         | 9        | 7        | 6         |     |
| 52/ 51    | 1.0                                 | 1.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 4         | 4        | 5        | 3         |     |
| 50/ 49    | 1.0                                 | 2.0  | 1.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 11        | 11       | 6        | 6         |     |
| 48/ 47    | 2.0                                 | 0.1  | 1.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 20        | 20       | 10       | 9         |     |
| 46/ 45    | 1.0                                 | 3.0  | 2.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 14        | 14       | 10       | 14        |     |
| 44/ 43    | 1.0                                 | 4.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 11        | 11       | 11       | 7         |     |
| 42/ 41    | 2.0                                 | 4.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 15        | 15       | 21       | 14        |     |
| 40/ 39    | 4.0                                 | 5.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 22        | 22       | 20       | 29        |     |
| 38/ 37    | 2.0                                 | 4.1  | 2.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 17        | 17       | 13       | 12        |     |
| 36/ 35    | 2.0                                 | 2.0  | 2.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 14        | 14       | 14       | 14        |     |
| 34/ 33    | 2.0                                 | 3.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 13        | 13       | 15       | 13        |     |
| 32/ 31    | 1.0                                 | 3.0  | 1.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 12        | 12       | 15       | 10        |     |
| 30/ 29    | 1.0                                 | 2.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 7         | 7        | 4        | 8         |     |
| 28/ 27    | 3.0                                 | 1.0  | 1.0  |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 12        | 12       | 14       | 14        |     |
| 26/ 25    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 4        | 8         |     |
| 24/ 23    | 1.0                                 | 3.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 8         | 8        | 5        | 9         |     |
| 22/ 21    |                                     | 1.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 3         | 3        | 5        | 1         |     |
| 20/ 19    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 2        | 6         |     |
| 18/ 17    |                                     | 1.0  |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 2         | 2        |          | 2         |     |
| 16/ 15    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 2         |     |
| 14/ 13    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 1         | 1        |          | 2         |     |
| 12/ 11    |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 1         |     |
| 10/ 9     |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 2         |     |
| 0/ -1     |                                     |      |      |     |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 1         |     |
| TOTAL     | 29.9                                | 53.3 | 13.7 | 3.0 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 197      | 197      | 197       | 197 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $s_x$  | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 1523758     | 17168      | 87.1      | 11.870 | 197      | $\leq 0 F$                         | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ |       |
| Dry Bulb    | 314306      | 7684       | 39.0      | 8.628  | 197      |                                    | 20.6        |             |             |             |             | 90    |
| Wet Bulb    | 293611      | 7411       | 37.6      | 8.694  | 197      |                                    | 25.1        |             |             |             |             | 90    |
| Dew Point   | 266313      | 6963       | 35.3      | 10.153 | 197      | .5                                 | 31.5        |             |             |             |             | 90    |

USAFETAC FORM 0265 (OLA) JUL 64 REVISION 1 EDITION OF THE AIRCRAFT SERVICE

DATA PROCESSING BRANCH  
USAF TAC  
AIR MATER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43214 PYONGTAEK AB K/CAMP HUMPHRIES 6-1, 73-77

PAGE 1 0600-0100

| Temp<br>F  | WET BULB TEMPERATURE DEPRESSION (F) |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | TOTAL |           | TOTAL    |          |           |
|------------|-------------------------------------|-----|------|------------|-----|---|-----------|---|----|------------|----|----|----------|----|----|------------------------------------|----|----|-------------|----|----|-------------|----|----|-------------|-------|----|-------------|----|----|-------------|-------|-----------|----------|----------|-----------|
|            | 0                                   | 1   | 2    | 3          | 4   | 5 | 6         | 7 | 8  | 9          | 10 | 11 | 12       | 13 | 14 | 15                                 | 16 | 17 | 18          | 19 | 20 | 21          | 22 | 23 | 24          | 25    | 26 | 27          | 28 | 29 | 30          | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 58/ 57     |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       | 2         | 2        | 2        | 2         |
| 56/ 55     | .1                                  |     | .3   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 3     | 3         | 1        | 1        |           |
| 54/ 53     | .1                                  | 1.1 | 1.1  |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 14    | 14        | 5        | 3        |           |
| 52/ 51     | .1                                  | 1.4 | .3   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 16    | 16        | 6        | 6        |           |
| 50/ 49     | 1.2                                 | 2.7 | 1.1  |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 39    | 38        | 32       | 19       |           |
| 48/ 47     | 1.4                                 | 3.4 | 1.2  |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 44    | 44        | 42       | 29       |           |
| 46/ 45     | 1.1                                 | 3.6 | .5   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 41    | 41        | 41       | 36       |           |
| 44/ 43     | 1.2                                 | 3.5 | 1.0  |            |     |   |           |   |    |            | .1 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 52    | 52        | 52       | 49       |           |
| 42/ 41     | 3.0                                 | 5.7 | 1.1  |            |     |   |           |   |    |            | .1 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 73    | 73        | 62       | 62       |           |
| 40/ 39     | 2.0                                 | 4.3 | 1.8  |            |     |   |           |   |    |            | .3 |    | .1       |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 63    | 63        | 51       | 54       |           |
| 38/ 37     | 2.4                                 | 1.8 | 2.3  |            |     |   |           |   |    |            | .7 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 53    | 53        | 62       | 49       |           |
| 36/ 35     | 2.2                                 | 2.7 | 1.2  |            |     |   |           |   |    |            | .1 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 44    | 44        | 43       | 52       |           |
| 34/ 33     | 1.7                                 | 4.3 | 1.0  |            |     |   |           |   |    |            | .4 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 58    | 58        | 52       | 38       |           |
| 32/ 31     | 1.7                                 | 2.4 | .3   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 36    | 36        | 54       | 38       |           |
| 30/ 29     | 2.4                                 | 3.4 | .3   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 47    | 47        | 59       | 42       |           |
| 28/ 27     | 3.0                                 | 3.5 | .4   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 55    | 55        | 54       | 56       |           |
| 26/ 25     | 2.2                                 | 2.3 | .3   |            |     |   |           |   |    |            | .3 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 37    | 37        | 42       | 47       |           |
| 24/ 23     | 1.2                                 | 2.3 | .4   |            |     |   |           |   |    |            | .1 |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 30    | 30        | 24       | 50       |           |
| 22/ 21     | .4                                  | .0  | .1   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 10    | 10        | 22       | 17       |           |
| 20/ 19     | .7                                  | .7  |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 10    | 10        | 14       | 24       |           |
| 18/ 17     | .1                                  | .3  |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 3     | 3         | 4        | 20       |           |
| 16/ 15     |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          | 1        | 11        |
| 14/ 13     |                                     | .1  | .1   |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 2     | 2         |          | 3        |           |
| 12/ 11     |                                     | .1  |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             | 1     | 1         | 2        | 6        |           |
| 10/ 9      |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          | 1        | 5         |
| 8/ 7       |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          |          | 1         |
| 6/ 5       |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          |          | 1         |
| 4/ 3       |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          |          | 1         |
| 2/ 1       |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          |          | 1         |
| 0/ -1      |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          |          | 1         |
| -2/ -3     |                                     |     |      |            |     |   |           |   |    |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       |           |          |          | 2         |
| TOTAL      | 29.45                               | 1.2 | 16.3 |            | 2.0 |   | .5        |   | .1 |            |    |    |          |    |    |                                    |    |    |             |    |    |             |    |    |             |       |    |             |    |    |             |       | 736       | 736      | 736      | 736       |
| Element IX | $\Sigma x^2$                        |     |      | $\Sigma x$ |     |   | $\bar{x}$ |   |    | $\sigma_x$ |    |    | No. Obs. |    |    | Mean No. of Hours with Temperature |    |    |             |    |    |             |    |    |             | Total |    |             |    |    |             |       |           |          |          |           |
| Rel. Hum.  | 5532226                             |     |      | 63766      |     |   | 86.61     |   |    | 12.101     |    |    | 736      |    |    | $\leq 0 F$                         |    |    | $\leq 32 F$ |    |    | $\geq 67 F$ |    |    | $\geq 73 F$ |       |    | $\geq 80 F$ |    |    | $\geq 93 F$ |       |           | 90       |          |           |
| Dry Bulb   | 1073914                             |     |      | 27370      |     |   | 37.2      |   |    | 0.736      |    |    | 736      |    |    |                                    |    |    | 28.2        |    |    |             |    |    |             |       |    |             |    |    |             |       |           | 90       |          |           |
| Wet Bulb   | 996721                              |     |      | 26329      |     |   | 35.8      |   |    | 0.639      |    |    | 736      |    |    |                                    |    |    | 34.4        |    |    |             |    |    |             |       |    |             |    |    |             |       |           | 90       |          |           |
| Dew Point  | 892722                              |     |      | 24552      |     |   | 33.4      |   |    | 10.014     |    |    | 736      |    |    | .4                                 |    |    | 40.8        |    |    |             |    |    |             |       |    |             |    |    |             |       |           | 90       |          |           |



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0.265 (OL A)

USAFETAC

DATA PROCESSING FACILITY  
USAF LTAC  
AIR CARRIER SERVICE/TAO

# PSYCHROMETRIC SUMMARY

4321 RYNGOTER 16 K/C4 P HEMPHRIES 4-1,73-77

PAGE 1 1200-1400

| WET BULB TEMPERATURE DEPRESSION °F |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL<br>D.B. W.B. |    | TOTAL<br>Dry B. W.B. |    | TOTAL<br>Wet Bulb |  | Dew Point |  |
|------------------------------------|--------------|-----|------------|-----|-----------|-----|-------|-----|----------|----|------------------------------------|--------|--------|--------|--------|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|----|----------------------|----|-------------------|--|-----------|--|
| Time                               | 1            | 2   | 3          | 4   | 5         | 6   | 7     | 8   | 9        | 10 | 11                                 | 12     | 13     | 14     | 15     | 16     | 17 | 18    | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |                    |    |                      |    |                   |  |           |  |
| 70/ 69                             |              | .1  |            |     |           |     |       |     |          |    |                                    | .1     | .3     |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 4                  | 4  |                      |    |                   |  |           |  |
| 68/ 67                             |              |     |            |     |           |     | .1    |     |          |    |                                    | .7     | .3     |        |        |        | .1 |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 13                 | 10 | 1                    | 1  |                   |  |           |  |
| 66/ 65                             |              |     |            |     |           | .6  | .1    | .7  | 2.0      |    |                                    | .7     |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 24                 | 28 |                      |    |                   |  |           |  |
| 64/ 63                             |              |     |            |     |           | .7  | .4    | 2.2 | .9       |    |                                    | .1     |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 30                 | 30 |                      |    |                   |  |           |  |
| 62/ 61                             |              | .4  | .1         | 1.3 | 2.3       | 1.7 | 1.0   |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 49                 | 47 | 1                    |    |                   |  |           |  |
| 60/ 59                             |              | .3  | .4         | 2.3 | 1.3       | 1.7 | 1.0   |     |          |    |                                    | .1     |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 54                 | 54 | 7                    |    |                   |  |           |  |
| 58/ 57                             | .4           | .4  | .7         | 1.3 | 1.7       | 2.3 | 1.0   |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 57                 | 57 | 17                   | 9  |                   |  |           |  |
| 56/ 55                             |              | .7  | 1.3        | 1.2 | .7        | 2.3 | .4    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 46                 | 46 | 47                   | 6  |                   |  |           |  |
| 54/ 53                             | .4           | .3  | .7         | .7  | 2.0       | .7  | .3    | .1  |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 33                 | 38 | 70                   | 17 |                   |  |           |  |
| 52/ 51                             |              | .4  | .3         | 1.0 | 1.7       | 1.3 | .1    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 37                 | 47 | 52                   | 20 |                   |  |           |  |
| 50/ 49                             |              | .9  | 1.6        | 1.7 | 2.3       | .9  | .4    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 56                 | 56 | 4                    | 31 |                   |  |           |  |
| 48/ 47                             |              | 1.0 | .5         | 1.2 | 1.3       | .4  | .4    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 34                 | 34 | 51                   | 30 |                   |  |           |  |
| 46/ 45                             | .1           | .3  | .7         | 1.0 | 1.7       | 1.0 | .6    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 46                 | 46 | 50                   | 56 |                   |  |           |  |
| 44/ 43                             | .1           | .4  | .4         | 1.0 | 2.2       | 1.3 | .3    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 49                 | 49 | 42                   | 34 |                   |  |           |  |
| 42/ 41                             | .3           | .4  | 1.2        | 1.0 | 2.0       | 1.2 |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 42                 | 42 | 32                   | 59 |                   |  |           |  |
| 40/ 39                             | .1           | .4  | .7         | 1.0 | 1.3       | .4  | .1    |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 29                 | 29 | 37                   | 47 |                   |  |           |  |
| 38/ 37                             | .1           | .3  | .4         | 2.3 | .3        | .3  |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 28                 | 28 | 53                   | 42 |                   |  |           |  |
| 36/ 35                             | .1           | .1  | 1.3        | 1.0 | .4        | .3  |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 26                 | 26 | 42                   | 43 |                   |  |           |  |
| 34/ 33                             | .7           | .4  | .9         | .1  | .1        |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 16                 | 16 | 41                   | 36 |                   |  |           |  |
| 32/ 31                             | .1           | .1  |            | .4  |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 5                  | 5  | 43                   | 47 |                   |  |           |  |
| 30/ 29                             |              | .1  |            | .4  |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 4                  | 4  | 18                   | 24 |                   |  |           |  |
| 28/ 27                             |              |     | .1         |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 1                  | 1  | 7                    | 21 |                   |  |           |  |
| 26/ 25                             |              | .1  |            | .1  |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 2                  | 2  | 6                    | 30 |                   |  |           |  |
| 24/ 23                             |              | .1  |            | .1  |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    | 2                  | 2  | 6                    | 39 |                   |  |           |  |
| 22/ 21                             |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      | 1  | 22                |  |           |  |
| 20/ 19                             |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      | 1  | 27                |  |           |  |
| 18/ 17                             |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 11                |  |           |  |
| 16/ 15                             |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 11                |  |           |  |
| 14/ 13                             |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 10                |  |           |  |
| 12/ 11                             |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 6                 |  |           |  |
| 10/ 9                              |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 4                 |  |           |  |
| 8/ 7                               |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 2                 |  |           |  |
| 6/ 5                               |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 3                 |  |           |  |
| 4/ 3                               |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    | 1                 |  |           |  |
| Element (X)                        | $\Sigma x^2$ |     | $\Sigma x$ |     | $\bar{x}$ |     | $s_x$ |     | No. Obs. |    | Mean No. of Hours with Temperature |        |        |        |        |        |    | Total |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    |                   |  |           |  |
| Rel. Hum.                          |              |     |            |     |           |     |       |     |          |    | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    |                   |  |           |  |
| Dry Bulb                           |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    |                   |  |           |  |
| Wet Bulb                           |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    |                   |  |           |  |
| Dew Point                          |              |     |            |     |           |     |       |     |          |    |                                    |        |        |        |        |        |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |    |                      |    |                   |  |           |  |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

PAGE 2 1700-1400

| Element X | Σ X'    | Σ X   | Σ    | Σ <sup>2</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-----------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|           |         |       |      |                |          | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |       |
| Rel. Hum. | 2507925 | 40091 | 57.9 | 6.239          | 693      |                                    |        |        |        |        |        | 90    |
| Dry Bulb  | 1841075 | 35101 | 50.7 | 4.555          | 693      |                                    | 1.8    | 1.8    |        |        |        | 90    |
| Wet Bulb  | 1384049 | 30403 | 43.9 | 8.087          | 693      |                                    | 10.6   | .1     |        |        |        | 90    |
| Dew Point | 961136  | 24572 | 35.5 | 1.396          | 693      | .4                                 | 33.9   | .1     |        |        |        | 90    |

## PSYCHROMETRIC SUMMARY

4321 PICTURE ALK /CARBONPHENOL 10-2, 13-77

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USAFETAC FORM 0265 (OL A)  
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATE: 08/05/2001 09:00  
BY: J. L. S. / J. L. S. / J. L. S.

## PSYCHROMETRIC SUMMARY

422.  $\text{Pr}^{3+} + 5\text{H}_2\text{O} + \text{A}^- + \text{K}^+ / \text{Ce}^{4+} + \text{P}^{4+} + \text{HPr}^{4+} + \text{B}^-$  17

<sup>6</sup> Ibid., p. 170-2.

[illegible]

AD-A088 955

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
PYONGTAEK AB, CAMP HUMPHRIES, KOREA. REVISED UNIFORM SUMMARY OF--ETC(U)  
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USAFETAC  
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JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43214 PYONGTAEK AB KRI/CAMP HUMPHRIES 66-70, 73-77

STATION

STATION NAME

YEARS

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        | TOTAL<br>D.B. W.B. |     | TOTAL<br>Dry Bulb Wet Bulb Dew Point |  |        |  |  |  |  |        |  |  |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-----|----|----|---|-----------|----|----|----|----|------------|----|----|----|----|----------|----|----|----|----|------------------------------------|----|----|----|----|--------|--------------------|-----|--------------------------------------|--|--------|--|--|--|--|--------|--|--|--|--|
|              | 0                                   | 1   | 2   | 3   | 4   | 5          | 6   | 7  | 8  | 9 | 10        | 11 | 12 | 13 | 14 | 15         | 16 | 17 | 18 | 19 | 20       | 21 | 22 | 23 | 24 | 25                                 | 26 | 27 | 28 | 29 | 30     | 31                 |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| 72/ 71       |                                     |     |     |     |     |            |     |    |    |   |           |    | .0 |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 1   | 1                                    |  |        |  |  |  |  |        |  |  |  |  |
| 70/ 69       |                                     |     | .0  |     |     |            |     |    |    |   |           |    | .1 | .1 | .0 |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 0   | 9                                    |  |        |  |  |  |  |        |  |  |  |  |
| 68/ 67       |                                     |     |     |     | .0  | .0         |     |    |    |   |           | .5 | .2 |    |    | .1         |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 26  | 26                                   |  |        |  |  |  |  |        |  |  |  |  |
| 66/ 65       |                                     |     | .0  |     | .1  | .1         | .3  | .6 | .2 |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 45  | 45                                   |  |        |  |  |  |  |        |  |  |  |  |
| 64/ 63       |                                     |     | .0  | .1  | .3  | .2         | 1.0 | .3 | .1 |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 69  | 69                                   |  |        |  |  |  |  |        |  |  |  |  |
| 62/ 61       |                                     |     | .1  | .2  | .7  | 1.1        | .9  | .4 |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 110 | 110                                  |  |        |  |  |  |  |        |  |  |  |  |
| 60/ 59       |                                     |     | .2  | .2  | 1.1 | .7         | .6  | .4 | .1 |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 112 | 112                                  |  |        |  |  |  |  |        |  |  |  |  |
| 58/ 57       | .2                                  | .2  | .5  | .9  | 1.1 | 1.0        | .4  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 143 | 143                                  |  |        |  |  |  |  |        |  |  |  |  |
| 56/ 55       | .1                                  | .8  | 1.0 | 1.0 | .6  | .6         | .2  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 152 | 152                                  |  |        |  |  |  |  |        |  |  |  |  |
| 54/ 53       | .3                                  | .3  | 1.4 | .6  | 1.4 | .5         | .1  | .0 |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 181 | 181                                  |  |        |  |  |  |  |        |  |  |  |  |
| 52/ 51       | .3                                  | 1.0 | 1.3 | 1.0 | 1.0 | .3         | .1  | .0 |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 167 | 167                                  |  |        |  |  |  |  |        |  |  |  |  |
| 50/ 49       | .6                                  | 2.0 | 1.6 | 1.3 | 1.0 | .3         | .2  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 239 | 239                                  |  |        |  |  |  |  |        |  |  |  |  |
| 48/ 47       | .6                                  | 2.4 | 1.4 | 1.1 | .8  | .3         | .1  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 224 | 224                                  |  |        |  |  |  |  |        |  |  |  |  |
| 46/ 45       | .9                                  | 2.1 | 1.3 | 1.2 | .9  | .6         | .2  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 232 | 232                                  |  |        |  |  |  |  |        |  |  |  |  |
| 44/ 43       | .7                                  | 1.6 | .5  | 1.1 | 1.2 | .5         | .1  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 211 | 211                                  |  |        |  |  |  |  |        |  |  |  |  |
| 42/ 41       | 1.1                                 | 2.7 | 1.2 | 1.2 | .6  | .4         | .0  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 244 | 244                                  |  |        |  |  |  |  |        |  |  |  |  |
| 40/ 39       | 1.5                                 | 1.7 | 1.2 | 1.4 | .8  | .1         | .0  |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 206 | 206                                  |  |        |  |  |  |  |        |  |  |  |  |
| 38/ 37       | .7                                  | 1.0 | 1.6 | 1.7 | .3  | .1         |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 184 | 184                                  |  |        |  |  |  |  |        |  |  |  |  |
| 36/ 35       | .7                                  | 1.5 | 1.2 | .9  | .4  | .1         |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 162 | 162                                  |  |        |  |  |  |  |        |  |  |  |  |
| 34/ 33       | .7                                  | 2.2 | 1.2 | .4  | .2  |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 161 | 161                                  |  |        |  |  |  |  |        |  |  |  |  |
| 32/ 31       | .7                                  | 1.6 | .7  | .2  |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 107 | 107                                  |  |        |  |  |  |  |        |  |  |  |  |
| 30/ 29       | .6                                  | 1.2 | .4  | .2  |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 88  | 88                                   |  |        |  |  |  |  |        |  |  |  |  |
| 28/ 27       | 1.1                                 | 1.1 | .5  | .0  |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 92  | 92                                   |  |        |  |  |  |  |        |  |  |  |  |
| 26/ 25       | .5                                  | .6  | .1  | .2  |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 43  | 43                                   |  |        |  |  |  |  |        |  |  |  |  |
| 24/ 23       | .3                                  | .6  | .1  | .1  |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 42  | 42                                   |  |        |  |  |  |  |        |  |  |  |  |
| 22/ 21       | .1                                  | .3  | .0  |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 14  | 14                                   |  |        |  |  |  |  |        |  |  |  |  |
| 20/ 19       | .2                                  | .2  | .0  |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 12  | 12                                   |  |        |  |  |  |  |        |  |  |  |  |
| 18/ 17       | .0                                  | .1  | .0  |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 6   | 6                                    |  |        |  |  |  |  |        |  |  |  |  |
| 16/ 15       |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| 14/ 13       |                                     | .1  | .0  |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 3   | 3                                    |  |        |  |  |  |  |        |  |  |  |  |
| 12/ 11       |                                     | .0  |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    | 1   | 1                                    |  |        |  |  |  |  |        |  |  |  |  |
| 10/ 9        |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| 8/ 7         |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| 6/ 5         |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| Element (X)  | $\Sigma x^2$                        |     |     |     |     | $\Sigma x$ |     |    |    |   | $\bar{x}$ |    |    |    |    | $\sigma_x$ |    |    |    |    | No. Obs. |    |    |    |    | Mean No. of Hours with Temperature |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| Rel. Hum.    |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    | ≤ 0 F                              |    |    |    |    | ≤ 32 F |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
| Dry Bulb     |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    | ≥ 67 F |                    |     |                                      |  | ≥ 73 F |  |  |  |  |        |  |  |  |  |
| Wet Bulb     |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  | ≥ 80 F |  |  |  |  | ≥ 93 F |  |  |  |  |
| Dew Point    |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |
|              |                                     |     |     |     |     |            |     |    |    |   |           |    |    |    |    |            |    |    |    |    |          |    |    |    |    |                                    |    |    |    |    |        |                    |     |                                      |  |        |  |  |  |  |        |  |  |  |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB K/CAMP HUMPHRIES

66-70, 73-77

NOV

MONTH

PAGE 2

ALL

HOURS

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |   |
|-------------|-------------------------------------|------|------|------|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|---|
|             | 0                                   | 1    | 2    | 3    | 4    | 5    | 6   | 7   | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31  | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |   |
| 4/ 3        |                                     |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3 |
| 2/ 1        |                                     |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3 |
| 0/ -1       |                                     |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 5 |
| -2/ -3      |                                     |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3 |
| -4/ -5      |                                     |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 1 |
| TOTAL       | 12.4                                | 26.6 | 10.6 | 10.6 | 10.9 | 12.8 | 8.1 | 3.7 | .7 | .0 | .1 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 3286      |   |
|             |                                     |      |      |      |      |      |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 3286      |   |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s^2$  | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |              |            |           |        |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Rel. Hum.   | 17907751     | 234383     | 71.3      | 19.029 | 3286     |                                    |        |        |        |        |        |       |
| Dry Bulb    | 7025704      | 147948     | 45.0      | 10.534 | 3286     |                                    | 89.4   | 7.9    |        |        |        | 720   |
| Wet Bulb    | 5745105      | 134099     | 40.8      | 9.110  | 3286     |                                    | 147.2  | .2     |        |        |        | 720   |
| Dew Point   | 4470743      | 116063     | 35.3      | 10.630 | 3286     | 2.0                                | 278.1  | .2     |        |        |        | 720   |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB K / CAMP HUMPHRIES

77

SLC

PAGE 1 0000-0200

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  |  | TOTAL |  |  |
|-----------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
|           | 0                                   | 1-2  | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 46/ 45    |                                     |      |     | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 44/ 43    |                                     |      | 4.3 | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 5         | 5        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 42/ 41    |                                     |      | 2.2 | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 7         | 3        | 4        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 40/ 39    |                                     | 1.1  | 2.2 | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 5        | 4         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 38/ 37    |                                     | 4.3  | 5.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 7         | 9        | 7        | 7         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 36/ 35    |                                     | 3.3  | 1.1 | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 20        | 20       | 14       | 9         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 34/ 33    |                                     | 2.2  | 3.2 | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 6         | 6        | 9        | 10        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 32/ 31    |                                     | 4.3  | 3.2 |     |     |      | 1.1   |       |       |       |       |       |       |       |       |       |    | 8         | 8        | 9        | 13        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 30/ 29    |                                     | 2.2  | 1.1 | 1.1 | 1.1 |      |       |       |       |       |       |       |       |       |       |       |    | 5         | 5        | 5        | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 28/ 27    |                                     | 3.2  | 2.2 | 2.2 |     |      | 1.1   |       |       |       |       |       |       |       |       |       |    | 9         | 8        | 6        | 8         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 26/ 25    |                                     | 3.2  | 2.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 5         | 5        | 8        | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 24/ 23    |                                     | 4.3  | 5.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 9         | 9        | 6        | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 22/ 21    |                                     | 1.1  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        | 7        | 3         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 20/ 19    |                                     | 1.1  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        | 1        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 18/ 17    |                                     | 1.1  | 5.4 | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 7         | 7        | 1        | 0         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 16/ 15    |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 5        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 14/ 13    |                                     |      | 1.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        | 1        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 12/ 11    |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 1        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 10/ 9     |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 4         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 8/ 7      |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 6/ 5      |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 2/ 1      |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| TOTAL     | 36.6                                | 49.5 | 9.7 | 2.2 | 2.2 |      |       |       |       |       |       |       |       |       |       |       |    | 93        | 93       | 93       | 93        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |                         |                         |                         |                         |                         |       |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|
| Rel. Hum.   | 687235      | 7863       | 84.5      | 15.6       | 93       | $\leq 0^\circ\text{F}$             | $\leq 32^\circ\text{F}$ | $\leq 67^\circ\text{F}$ | $\leq 73^\circ\text{F}$ | $\geq 80^\circ\text{F}$ | $\geq 93^\circ\text{F}$ | Total |
| Dry Bulb    | 97608       | 2936       | 31.6      | 7.3        | 93       |                                    | 45.0                    |                         |                         |                         |                         | 93    |
| Wet Bulb    | 89243       | 2801       | 30.1      | 7.2        | 93       |                                    | 50.0                    |                         |                         |                         |                         | 93    |
| Dew Point   | 76634       | 2516       | 27.1      | 9.6        | 93       |                                    | 62.0                    |                         |                         |                         |                         | 93    |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $s^2$  | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 687235      | 7863       | 84.5      | 15.615 | 93       | $\leq 0$ F                         | $\leq 32$ F | $\geq 67$ F | $\geq 73$ F | $\geq 80$ F | $\geq 93$ F | 93    |
| Dry Bulb    | 97608       | 2936       | 31.6      | 7.312  | 93       |                                    | 45.0        |             |             |             |             | 93    |
| Wet Bulb    | 89243       | 2801       | 30.1      | 7.284  | 93       |                                    | 50.0        |             |             |             |             | 93    |
| Dew Point   | 76634       | 2516       | 27.1      | 9.650  | 93       |                                    | 62.0        |             |             |             |             | 93    |

## PSYCHROMETRIC SUMMARY

|         |                                |              |
|---------|--------------------------------|--------------|
| 43214   | PYONGTAEK AB KJ/CAMP HUMPHRIES | 6-67, 70, 77 |
| STATION | STATION NAME                   |              |

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[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

# PSYCHROMETRIC SUMMARY

43214 PYONGTAEK AB KJ/CAMP HUMPHRIES 6-73-77

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           | TOTAL    |          | TOTAL     |    |
|--------------|-------------------------------------|----|------------|----|-----------|----|------------|----|----------|----|------------------------------------|----|-------------|----|-------------|----|-------------|-------|-------------|----|-------------|----|-------|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|----|
|              | 0                                   | 1  | 2          | 3  | 4         | 5  | 6          | 7  | 8        | 9  | 10                                 | 11 | 12          | 13 | 14          | 15 | 16          | 17    | 18          | 19 | 20          | 21 | 22    | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |    |
| 54/ 53       |                                     |    |            |    | .1        |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 1         | 1        |          |           |    |
| 52/ 51       |                                     |    |            | .1 |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 1         | 1        |          |           |    |
| 50/ 49       |                                     | .1 | .1         | .1 |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 5         | 5        | 4        | 3         |    |
| 48/ 47       |                                     |    | .1         | .1 |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 7         | 7        | 7        | 2         |    |
| 46/ 45       |                                     |    | .1         | .1 |           | .1 |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 7         | 7        | 5        | 7         |    |
| 44/ 43       |                                     | .1 | .1         | .1 | .1        |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 12        | 12       | 12       | 9         |    |
| 42/ 41       |                                     | .1 | .1         | .1 | .1        | .1 |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 28        | 28       | 13       | 12        |    |
| 40/ 39       |                                     | .1 | .1         | .1 | .1        | .1 |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 23        | 23       | 21       | 16        |    |
| 38/ 37       |                                     | .1 | .1         | .1 | .1        | .1 |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 22        | 22       | 22       | 21        |    |
| 36/ 35       |                                     | .1 | .1         | .1 | .1        | .1 | .1         |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 43        | 43       | 24       | 19        |    |
| 34/ 33       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 47        | 47       | 35       | 38        |    |
| 32/ 31       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 49        | 49       | 52       | 40        |    |
| 30/ 29       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 46        | 46       | 49       | 47        |    |
| 28/ 27       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 55        | 55       | 41       | 41        |    |
| 26/ 25       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 39        | 39       | 47       | 34        |    |
| 24/ 23       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 84        | 84       | 57       | 37        |    |
| 22/ 21       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 56        | 56       | 65       | 47        |    |
| 20/ 19       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 42        | 43       | 64       | 60        |    |
| 18/ 17       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 44        | 44       | 40       | 52        |    |
| 16/ 15       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 35        | 35       | 42       | 26        |    |
| 14/ 13       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    |             |    |             |    |       |    |    |    |    |    |    |    |    |    | 31        | 32       | 38       | 45        |    |
| 12/ 11       | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          |    |             |    |       |    |    |    |    |    |    |    |    |    | 19        | 19       | 25       | 35        |    |
| 10/ 9        | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          | .1 |             |    |       |    |    |    |    |    |    |    |    |    | 23        | 23       | 23       | 41        |    |
| 8/ 7         | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          | .1 | .1          |    |       |    |    |    |    |    |    |    |    |    | 10        | 10       | 14       | 30        |    |
| 6/ 5         | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          | .1 | .1          | .1 |       |    |    |    |    |    |    |    |    |    | 14        | 14       | 13       | 22        |    |
| 4/ 3         | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          | .1 | .1          | .1 | .1    |    |    |    |    |    |    |    |    |    | 6         | 6        | 7        | 14        |    |
| 2/ 1         | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          | .1 | .1          | .1 | .1    | .1 |    |    |    |    |    |    |    |    | 2         | 2        | 2        | 17        |    |
| 0/ -1        | .1                                  | .1 | .1         | .1 | .1        | .1 | .1         | .1 | .1       | .1 | .1                                 | .1 | .1          | .1 | .1          | .1 | .1          | .1    | .1          | .1 | .1          | .1 | .1    | .1 | .1 |    |    |    |    |    |    |    | 2         | 2        | 4        | 12        |    |
| -2/ -3       |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           | 10 |
| -4/ -5       |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           | 7  |
| -6/ -7       |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           | 4  |
| -8/ -9       |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           | 1  |
| -14/-15      |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           | 1  |
| -16/-17      |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           | 1  |
| Element (X)  | $\Sigma X^2$                        |    | $\Sigma X$ |    | $\bar{X}$ |    | $\sigma_x$ |    | No. Obs. |    | Mean No. of Hours with Temperature |    |             |    |             |    |             | Total |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           |    |
| Rel. Hum.    |                                     |    |            |    |           |    |            |    |          |    | $\leq 0 F$                         |    | $\leq 32 F$ |    | $\geq 67 F$ |    | $\geq 73 F$ |       | $\geq 80 F$ |    | $\geq 93 F$ |    | Total |    |    |    |    |    |    |    |    |    |           |          |          |           |    |
| Dry Bulb     |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           |    |
| Wet Bulb     |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           |    |
| Dew Point    |                                     |    |            |    |           |    |            |    |          |    |                                    |    |             |    |             |    |             |       |             |    |             |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           |    |

## PSYCHROMETRIC SUMMARY

66-70, 73-77

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FOI b6 b7C

[illegible]

0.26-5 (CL A)

**USAFETAC**

2

DATA PROCESSING BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/PAC

## PSYCHROMETRIC SUMMARY

4321 PYINGTAEK AD NO/CAMP HUMPHRIES 65-75,73-77

DEC

PAGE 1 0900-1100

HOURS (LST)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6        | 7-8 | 9-10 | 11-12     | 13-14      | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |     | .3  |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     | .1  | .2  | .4         | .1  |      |           |            |          |       |                                    |        |        |        |        |        |      | 7         | 7        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     | .1  | .4  | .3         |     |      | .1        |            |          |       |                                    |        |        |        |        |        |      | 7         | 7        | 3        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     | 1.3 | .6  | .6         |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 20        | 20       | 9        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       | .1                                  | .6  | .6  | .6         |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 17        | 17       | 15       | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       | .5                                  | 1.2 | .3  | .4         | .4  |      |           |            |          |       |                                    |        |        |        |        |        |      | 21        | 21       | 18       | 17        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       | .3                                  | 1.6 | 1.7 | .5         | .3  | .3   |           |            |          |       |                                    |        |        |        |        |        |      | 35        | 35       | 18       | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       | .1                                  | .9  | 1.2 | .6         | .1  |      |           |            |          |       |                                    |        |        |        |        |        |      | 23        | 23       | 22       | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       | .6                                  | 1.8 | 1.7 | 1.6        | .1  |      |           |            |          |       |                                    |        |        |        |        |        |      | 45        | 45       | 35       | 23        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       | .5                                  | 3.2 | 2.1 | .4         |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 52        | 52       | 42       | 31        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       | .5                                  | 3.2 | 2.7 | 1.3        | .1  |      |           |            |          |       |                                    |        |        |        |        |        |      | 61        | 61       | 51       | 34        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .4                                  | 3.9 | 2.6 | 1.2        |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 64        | 64       | 54       | 34        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | .5                                  | 2.8 | 2.6 | 1.6        |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 58        | 58       | 52       | 55        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | .5                                  | 3.6 | 3.2 | 1.3        |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 69        | 69       | 61       | 43        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | 1.2                                 | 2.6 | 3.5 | .3         |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 58        | 58       | 64       | 44        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | .5                                  | 2.6 | 3.4 | .8         |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 58        | 58       | 63       | 47        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | .5                                  | 3.7 | 2.1 | .3         |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 53        | 53       | 61       | 59        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | .5                                  | 2.2 | 1.0 |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 29        | 29       | 56       | 33        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | 1.0                                 | 2.2 | 1.0 |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 33        | 33       | 52       | 49        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       | .5                                  | 1.9 | .8  |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 23        | 23       | 30       | 32        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     | .6  | .9  |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 13        | 13       | 16       | 53        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     | 1.2 | .1  |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 10        | 10       | 16       | 46        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     | .5  | .3  |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 6         | 6        | 10       | 36        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        | .1                                  | .6  | .1  |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 7         | 7        | 6        | 30        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         | .1                                  |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 6        | 16        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     | .1  |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 2        | 15        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     | .1  |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 1        | 9         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10/-11      |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | $\Sigma X^2$                        |     |     | $\Sigma X$ |     |      | $\bar{X}$ | $\sigma_X$ | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      | Total     |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |            |     |      |           |            |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |            |     |      |           |            |          |       |                                    |        |        |        |        |        |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

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### PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

PAGE 2 1200-1,00

| WET BULB TEMPERATURE DEPRESSION (F)   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| TOTAL TOTAL                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
| D.B. W.B. Dry Bulb Wet Bulb Dew Point |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
| -4/-5                                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1  |
| -12/-13                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1  |
| Total                                 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 8095 | 93 |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|                                       |      |      |      |      |      | </   |      |      |      |      |      |      |      |      |      |    |

2.1.1.  $\text{Pb}(\text{C}_2\text{O}_4) \cdot \text{Sr}(\text{C}_2\text{O}_4) \cdot \text{H}_2\text{O}$   
 2.1.2.  $\text{Pb}(\text{C}_2\text{O}_4) \cdot \text{Sr}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$   
 2.1.3.  $\text{Pb}(\text{C}_2\text{O}_4) \cdot \text{Sr}(\text{C}_2\text{O}_4) \cdot 3\text{H}_2\text{O}$

## PSYCHROMETRIC SUMMARY

432. POLITICAL ASX /CAP COMPLINTS 10-7, 73-77

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB K/CAMP HUMPHRIES 1-70, 73-77

PAGE 2 1500-1700

| Temp.<br>F. | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |     |     |    |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |                    | TOTAL              |   |
|-------------|-------------------------------------|------|------|------|------|-----|-----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|--------------------|---|
|             | 0                                   | 1    | 2    | 3    | 4    | 5   | 6   | 7  | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. Dry Bulb | Wet Bulb Dew Point |   |
| -4/-5       |                                     |      |      |      |      |     |     |    |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    | 2 |
| -6/-7       |                                     |      |      |      |      |     |     |    |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |                    |                    | 1 |
| TOTAL       | 3.5                                 | 15.3 | 37.5 | 28.9 | 10.5 | 2.0 | 1.2 | .2 |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 608                | 608                |   |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s_x$  | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
|             |              |            |           |        |          | $\leq 0$ F                         | $\leq 32$ F | $\geq 67$ F | $\geq 73$ F | $\geq 80$ F | $\geq 93$ F |       |
| Rel. Hum.   | 2581958      | 38694      | 63.6      | 14.026 | 606      |                                    |             |             |             |             |             |       |
| Dry Bulb    | 926304       | 22922      | 37.7      | 10.117 | 606      |                                    | 30.0        | .2          |             |             |             | 93    |
| Wet Bulb    | 728962       | 20314      | 33.4      | 9.098  | 606      |                                    | 46.2        |             |             |             |             | 93    |
| Dew Point   | 481495       | 15761      | 25.9      | 10.961 | 606      | .8                                 | 67.8        |             |             |             |             | 93    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4321 PYONGTAEK AB KIL/CAMP HUMPHRIES

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DEC

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HOURS (LOCAL)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|             | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49      |                                     | 1.1  |      |     | 1.1 |      |       |       |       |       |       |       |       |       |       |       |    | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47      | 1.1                                 | 1.1  | 3.2  | 3.2 |     |      |       |       |       |       |       |       |       |       |       |       |    | 8         | 8        | 2        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45      |                                     | 6.5  | 7.5  | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 14        | 14       | 4        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43      | 2.2                                 | 3.2  | 1.1  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 6         | 6        | 11       | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41      | 2.2                                 | 2.2  | 1.1  |     | 1.1 |      |       |       |       |       |       |       |       |       |       |       |    | 6         | 6        | 14       | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39      | 2.2                                 | 2.2  | 3.2  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 7         | 7        | 5        | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37      | 1.1                                 | 3.2  | 5.4  | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 10        | 10       | 6        | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35      | 1.1                                 | 5.4  | 1.1  | 2.2 |     |      |       |       |       |       |       |       |       |       |       |       |    | 9         | 9        | 6        | 9         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33      | 2.2                                 | 4.3  | 2.2  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 8         | 8        | 12       | 9         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31      | 1.1                                 | 2.2  | 1.1  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 10       | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29      |                                     | 1.1  | 1.1  | 1.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        | 4        | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27      | 1.1                                 | 5.4  | 3.2  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 9         | 9        | 4        | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25      | 1.1                                 |      | 3.2  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 5        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23      | 1.1                                 | 2.2  |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        | 6        | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 4        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL       | 10.1                                | 39.8 | 33.1 | 8.0 | 2.2 |      |       |       |       |       |       |       |       |       |       |       |    | 93        | 93       | 93       | 93        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $s_x$  | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 592805      | 7301       | 78.5      | 14.610 | 93       | $\leq 0$ F                         | $\leq 32$ F | $\geq 67$ F | $\geq 73$ F | $\geq 80$ F | $\geq 93$ F |       |
| Dry Bulb    | 136397      | 3497       | 37.6      | 7.300  | 93       |                                    | 23.0        |             |             |             |             | 93    |
| Wet Bulb    | 119754      | 3272       | 35.2      | 7.099  | 93       |                                    | 33.0        |             |             |             |             | 93    |
| Dew Point   | 97629       | 2897       | 31.2      | 8.960  | 93       |                                    | 46.0        |             |             |             |             | 93    |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s^2$  | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 592805       | 7301       | 78.5      | 14.610 | 93       | $\leq 0 F$                         | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ |       |
| Dry Bulb    | 136397       | 3497       | 37.6      | 7.300  | 93       |                                    | 23.0        |             |             |             |             | 93    |
| Wet Bulb    | 119754       | 3272       | 35.2      | 7.099  | 93       |                                    | 33.0        |             |             |             |             | 93    |
| Dew Point   | 97629        | 2897       | 31.2      | 8.960  | 93       |                                    | 46.0        |             |             |             |             | 93    |

USAFETAC

## PSYCHROMETRIC SUMMARY

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**USAFETAC**

## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-5 (OLA)  
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## PSYCHROMETRIC SUMMARY

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**JSAFETAC**

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4321 PYONGTAEK AB KJ/CAMP HUMPHRIES 66-70, 73-78

| STATION   |  | STATION NAME |  |        |  |        |  |       |  |       |  |       |  | YEARS |  |       |  |       |  |       |  |        |  |        |  |        |  |        |  |
|-----------|--|--------------|--|--------|--|--------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|--------|--|--------|--|--------|--|--------|--|
| HRS.      |  | JAN          |  | FEB    |  | MAR    |  | APR   |  | MAY   |  | JUN   |  | JUL   |  | AUG   |  | SEP   |  | OCT   |  | NOV    |  | DEC    |  | ANNUAL |  |        |  |
| 00-02     |  | MEAN         |  | 24.7   |  | 24.6   |  | 36.6  |  | 47.4  |  | 56.4  |  | 66.3  |  | 75.3  |  | 70.8  |  | 64.7  |  | 53.5   |  | 41.9   |  | 31.6   |  | 50.4   |  |
|           |  | S.D.         |  | 6.777  |  | 6.396  |  | 4.885 |  | 6.835 |  | 5.754 |  | 4.032 |  | 2.507 |  | 4.120 |  | 7.473 |  | 7.859  |  | 7.191  |  | 7.312  |  | 16.140 |  |
|           |  | TOTAL OBS.   |  | 93     |  | 84     |  | 63    |  | 90    |  | 93    |  | 90    |  | 93    |  | 108   |  | 90    |  | 93     |  | 90     |  | 93     |  | 1080   |  |
| 03-05     |  | MEAN         |  | 21.2   |  | 22.5   |  | 35.4  |  | 45.6  |  | 55.1  |  | 64.6  |  | 73.5  |  | 72.6  |  | 62.2  |  | 50.4   |  | 30.0   |  | 26.8   |  | 48.8   |  |
|           |  | S.D.         |  | 9.564  |  | 8.996  |  | 5.936 |  | 7.507 |  | 5.763 |  | 4.233 |  | 4.839 |  | 4.860 |  | 8.477 |  | 7.845  |  | 8.128  |  | 9.321  |  | 19.292 |  |
|           |  | TOTAL OBS.   |  | 182    |  | 145    |  | 191   |  | 208   |  | 231   |  | 175   |  | 242   |  | 237   |  | 201   |  | 206    |  | 197    |  | 204    |  | 2440   |  |
| 06-08     |  | MEAN         |  | 19.8   |  | 22.9   |  | 33.0  |  | 45.9  |  | 57.0  |  | 64.7  |  | 73.4  |  | 73.9  |  | 62.8  |  | 48.9   |  | 37.2   |  | 25.6   |  | 47.3   |  |
|           |  | S.D.         |  | 9.787  |  | 9.832  |  | 6.955 |  | 7.839 |  | 6.149 |  | 4.621 |  | 5.230 |  | 5.054 |  | 7.542 |  | 7.802  |  | 8.736  |  | 10.091 |  | 20.255 |  |
|           |  | TOTAL OBS.   |  | 745    |  | 674    |  | 775   |  | 765   |  | 759   |  | 660   |  | 775   |  | 798   |  | 752   |  | 772    |  | 736    |  | 755    |  | 8974   |  |
| 09-11     |  | MEAN         |  | 25.7   |  | 30.2   |  | 40.7  |  | 55.2  |  | 65.5  |  | 71.8  |  | 78.7  |  | 80.3  |  | 71.7  |  | 59.3   |  | 44.8   |  | 31.6   |  | 54.8   |  |
|           |  | S.D.         |  | 8.240  |  | 8.821  |  | 7.397 |  | 7.122 |  | 6.044 |  | 5.279 |  | 5.768 |  | 5.059 |  | 5.804 |  | 7.239  |  | 9.158  |  | 9.457  |  | 20.088 |  |
|           |  | TOTAL OBS.   |  | 800    |  | 720    |  | 833   |  | 817   |  | 802   |  | 714   |  | 814   |  | 829   |  | 777   |  | 807    |  | 762    |  | 774    |  | 9449   |  |
| 12-14     |  | MEAN         |  | 32.1   |  | 35.7   |  | 46.0  |  | 60.7  |  | 70.7  |  | 76.1  |  | 82.0  |  | 84.1  |  | 76.6  |  | 65.5   |  | 51.7   |  | 37.4   |  | 60.1   |  |
|           |  | S.D.         |  | 8.109  |  | 8.874  |  | 8.406 |  | 7.739 |  | 6.767 |  | 5.949 |  | 5.955 |  | 5.043 |  | 5.188 |  | 7.227  |  | 9.555  |  | 9.720  |  | 19.483 |  |
|           |  | TOTAL OBS.   |  | 741    |  | 636    |  | 776   |  | 770   |  | 760   |  | 661   |  | 772   |  | 772   |  | 718   |  | 751    |  | 693    |  | 695    |  | 8765   |  |
| 15-17     |  | MEAN         |  | 32.7   |  | 36.5   |  | 46.7  |  | 61.1  |  | 71.4  |  | 77.1  |  | 82.8  |  | 84.6  |  | 77.2  |  | 65.6   |  | 50.8   |  | 37.7   |  | 60.8   |  |
|           |  | S.D.         |  | 8.337  |  | 9.083  |  | 8.670 |  | 8.337 |  | 6.877 |  | 5.937 |  | 6.047 |  | 5.131 |  | 5.436 |  | 7.528  |  | 9.484  |  | 10.117 |  | 19.561 |  |
|           |  | TOTAL OBS.   |  | 677    |  | 607    |  | 734   |  | 736   |  | 724   |  | 619   |  | 732   |  | 713   |  | 628   |  | 686    |  | 628    |  | 608    |  | 8092   |  |
| 18-20     |  | MEAN         |  | 29.3   |  | 29.8   |  | 44.1  |  | 56.6  |  | 65.5  |  | 74.4  |  | 81.5  |  | 78.2  |  | 71.5  |  | 61.8   |  | 45.8   |  | 37.6   |  | 57.6   |  |
|           |  | S.D.         |  | 6.119  |  | 6.872  |  | 5.750 |  | 6.793 |  | 6.057 |  | 4.949 |  | 4.243 |  | 4.445 |  | 6.009 |  | 6.250  |  | 7.720  |  | 7.300  |  | 18.934 |  |
|           |  | TOTAL OBS.   |  | 93     |  | 84     |  | 78    |  | 82    |  | 93    |  | 91    |  | 97    |  | 129   |  | 101   |  | 102    |  | 90     |  | 93     |  | 1140   |  |
| 21-23     |  | MEAN         |  | 27.0   |  | 27.4   |  | 39.3  |  | 51.3  |  | 60.0  |  | 69.2  |  | 77.0  |  | 73.3  |  | 66.9  |  | 56.2   |  | 42.0   |  | 34.3   |  | 52.9   |  |
|           |  | S.D.         |  | 6.307  |  | 7.128  |  | 4.988 |  | 6.165 |  | 5.279 |  | 4.081 |  | 2.642 |  | 3.530 |  | 6.568 |  | 6.679  |  | 7.461  |  | 7.313  |  | 18.085 |  |
|           |  | TOTAL OBS.   |  | 93     |  | 84     |  | 66    |  | 90    |  | 93    |  | 90    |  | 93    |  | 111   |  | 90    |  | 93     |  | 90     |  | 93     |  | 1086   |  |
| ALL HOURS |  | MEAN         |  | 26.9   |  | 30.4   |  | 41.1  |  | 54.8  |  | 64.9  |  | 71.8  |  | 78.7  |  | 79.5  |  | 70.9  |  | 58.9   |  | 45.0   |  | 32.5   |  | 55.0   |  |
|           |  | S.D.         |  | 10.200 |  | 10.562 |  | 9.335 |  | 9.903 |  | 8.826 |  | 7.222 |  | 6.697 |  | 6.886 |  | 8.645 |  | 10.041 |  | 10.534 |  | 10.784 |  | 20.426 |  |
|           |  | TOTAL OBS.   |  | 3624   |  | 3074   |  | 3516  |  | 3565  |  | 3555  |  | 4101  |  | 3618  |  | 3697  |  | 3357  |  | 3517   |  | 3286   |  | 3315   |  | 41025  |  |

DATA PROCESSING BRANCH  
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## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4321 PYONGTAEK AR KN/CAMP HUMPHRIES 66-7073-78

| STATION   |            | YEARS |       |       |       |       |       |       |       |       |        |       |       |        |
|-----------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|
| NAME      |            | 1947  | 1948  | 1949  | 1950  | 1951  | 1952  | 1953  | 1954  | 1955  | 1956   | 1957  | 1958  | 1959   |
| HR        | ST         | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |       |       |        |
| 00-02     | MEAN       | 24.0  | 23.3  | 34.7  | 45.1  | 53.9  | 64.0  | 74.0  | 68.1  | 67.9  | 52.5   | 40.0  | 30.1  | 48.5   |
|           | S.D.       | 5.777 | 5.460 | 4.761 | 7.354 | 5.585 | 3.663 | 2.114 | 4.865 | 7.533 | 7.204  | 7.194 | 7.284 | 18.726 |
|           | TOTAL OBS. | 93    | 84    | 63    | 90    | 93    | 92    | 93    | 102   | 90    | 93     | 90    | 93    | 1080   |
| 03-05     | MEAN       | 17.9  | 21.1  | 33.7  | 43.9  | 52.9  | 62.5  | 71.7  | 70.7  | 60.9  | 49.4   | 37.6  | 25.5  | 47.2   |
|           | S.D.       | 9.438 | 9.835 | 5.968 | 7.758 | 5.455 | 4.190 | 4.728 | 5.278 | 8.368 | 7.678  | 8.194 | 9.222 | 19.111 |
|           | TOTAL OBS. | 182   | 105   | 191   | 208   | 231   | 174   | 242   | 237   | 201   | 206    | 197   | 203   | 2429   |
| 06-08     | MEAN       | 17.7  | 21.6  | 31.3  | 43.5  | 53.5  | 62.1  | 70.9  | 71.6  | 61.1  | 47.4   | 34.8  | 24.4  | 45.3   |
|           | S.D.       | 9.450 | 9.638 | 6.846 | 7.588 | 5.317 | 4.380 | 4.896 | 4.830 | 7.382 | 7.635  | 8.639 | 9.963 | 19.705 |
|           | TOTAL OBS. | 744   | 674   | 775   | 762   | 759   | 660   | 772   | 798   | 752   | 770    | 736   | 753   | 4970   |
| 09-11     | MEAN       | 23.5  | 27.4  | 36.5  | 48.8  | 57.4  | 65.1  | 73.2  | 74.6  | 65.8  | 53.9   | 41.7  | 29.0  | 49.8   |
|           | S.D.       | 8.573 | 8.397 | 6.680 | 6.390 | 4.670 | 4.155 | 4.703 | 4.158 | 5.813 | 6.656  | 8.495 | 9.132 | 18.581 |
|           | TOTAL OBS. | 900   | 720   | 823   | 817   | 802   | 713   | 814   | 829   | 777   | 807    | 762   | 774   | 9446   |
| 12-14     | MEAN       | 28.1  | 31.0  | 39.5  | 51.1  | 59.4  | 66.5  | 74.5  | 75.8  | 67.2  | 56.1   | 42.9  | 33.0  | 52.5   |
|           | S.D.       | 7.676 | 8.017 | 7.106 | 6.259 | 4.722 | 4.272 | 4.577 | 3.967 | 5.818 | 6.307  | 8.487 | 8.926 | 17.529 |
|           | TOTAL OBS. | 741   | 656   | 776   | 770   | 760   | 661   | 772   | 772   | 718   | 751    | 693   | 695   | 4765   |
| 15-17     | MEAN       | 28.6  | 31.4  | 40.1  | 51.5  | 59.9  | 67.2  | 75.0  | 76.0  | 67.6  | 56.3   | 44.2  | 33.4  | 53.0   |
|           | S.D.       | 7.663 | 8.069 | 7.204 | 6.466 | 4.919 | 4.183 | 4.568 | 3.894 | 5.710 | 6.323  | 8.451 | 9.098 | 17.461 |
|           | TOTAL OBS. | 677   | 607   | 734   | 736   | 724   | 619   | 732   | 713   | 628   | 686    | 628   | 608   | 8092   |
| 18-20     | MEAN       | 26.9  | 27.0  | 39.4  | 50.4  | 58.5  | 67.5  | 76.5  | 71.9  | 66.6  | 56.8   | 42.9  | 35.2  | 52.9   |
|           | S.D.       | 6.193 | 6.845 | 4.582 | 6.693 | 4.786 | 3.784 | 2.788 | 4.238 | 6.120 | 5.900  | 7.239 | 7.099 | 17.568 |
|           | TOTAL OBS. | 93    | 84    | 78    | 89    | 93    | 91    | 97    | 129   | 101   | 102    | 90    | 93    | 1140   |
| 21-23     | MEAN       | 25.1  | 25.3  | 36.5  | 47.7  | 56.0  | 65.8  | 74.8  | 69.7  | 64.4  | 54.4   | 41.0  | 32.6  | 50.2   |
|           | S.D.       | 6.484 | 7.253 | 5.002 | 6.817 | 5.349 | 3.953 | 2.090 | 4.282 | 6.563 | 6.207  | 7.253 | 7.306 | 17.726 |
|           | TOTAL OBS. | 93    | 84    | 66    | 90    | 93    | 90    | 93    | 111   | 90    | 93     | 90    | 93    | 1086   |
| ALL HOURS | MEAN       | 24.3  | 27.2  | 36.6  | 48.3  | 57.1  | 65.1  | 73.4  | 73.8  | 65.0  | 53.2   | 40.8  | 29.7  | 49.9   |
|           | S.D.       | 9.356 | 9.384 | 7.574 | 7.499 | 5.628 | 4.634 | 4.835 | 4.888 | 6.949 | 7.630  | 9.110 | 9.840 | 18.600 |
|           | TOTAL OBS. | 3423  | 3074  | 3516  | 3565  | 3555  | 3100  | 3618  | 3697  | 3357  | 3517   | 3286  | 3312  | 41020  |

DATA PROCESSING BRANCH  
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# MEANS AND STANDARD DEVIATION

01-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4321- PYRENEAN AB K9/CAMP LEAPHRIS 40-70, 73-76  
STATION STATION NAME YEARS

| HRN       | ST        | JAN    | FEB    | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV    | DEC    | ANNUAL |
|-----------|-----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 00-2      | MEAN      | 17.8   | 18.2   | 31.8  | 42.4  | 51.7  | 62.7  | 73.5  | 66.5  | 61.7  | 51.7  | 37.2   | 27.1   | 45.1   |
|           | S.D.      | 7.776  | 11.263 | 5.665 | 8.716 | 6.006 | 3.957 | 2.287 | 5.960 | 7.955 | 7.123 | 9.505  | 9.650  | 19.747 |
|           | TOTAL OBS | 73     | 84     | 62    | 20    | 93    | 91    | 91    | 108   | 90    | 93    | 90     | 93     | 1080   |
| 03-5      | MEAN      | 15.1   | 16.4   | 30.6  | 41.9  | 51.0  | 61.0  | 70.9  | 69.8  | 60.1  | 48.5  | 37.3   | 21.4   | 44.7   |
|           | S.D.      | 11.449 | 12.697 | 7.446 | 8.766 | 5.804 | 3.927 | 5.032 | 5.988 | 8.517 | 7.955 | 10.153 | 11.316 | 20.749 |
|           | TOTAL OBS | 182    | 165    | 191   | 208   | 231   | 170   | 242   | 237   | 201   | 206   | 197    | 203    | 2439   |
| 06-10     | MEAN      | 17.0   | 17.3   | 27.9  | 40.6  | 50.6  | 60.2  | 69.7  | 70.5  | 60.0  | 46.3  | 33.4   | 20.7   | 42.8   |
|           | S.D.      | 11.493 | 11.605 | 8.483 | 8.508 | 6.004 | 5.117 | 5.277 | 5.301 | 7.664 | 8.011 | 10.141 | 11.861 | 21.186 |
|           | TOTAL OBS | 744    | 674    | 775   | 765   | 759   | 66    | 775   | 798   | 752   | 770   | 736    | 753    | 6970   |
| 09-11     | MEAN      | 17.5   | 20.6   | 30.0  | 42.1  | 51.0  | 60.9  | 70.7  | 72.1  | 62.1  | 49.2  | 35.1   | 23.2   | 44.7   |
|           | S.D.      | 11.703 | 11.087 | 8.751 | 8.794 | 6.390 | 5.383 | 5.206 | 4.874 | 7.372 | 8.260 | 10.000 | 11.673 | 20.521 |
|           | TOTAL OBS | 900    | 720    | 833   | 817   | 802   | 713   | 814   | 829   | 777   | 807   | 762    | 774    | 9448   |
| 12-14     | MEAN      | 17.3   | 21.4   | 30.3  | 41.7  | 50.9  | 60.9  | 71.2  | 72.3  | 61.5  | 48.4  | 35.5   | 25.0   | 45.2   |
|           | S.D.      | 11.171 | 11.421 | 9.465 | 9.499 | 7.434 | 5.803 | 5.384 | 5.026 | 8.319 | 8.455 | 11.396 | 11.374 | 20.212 |
|           | TOTAL OBS | 741    | 656    | 776   | 770   | 760   | 661   | 772   | 772   | 718   | 751   | 693    | 695    | 8765   |
| 15-17     | MEAN      | 17.9   | 21.7   | 31.1  | 42.1  | 51.3  | 61.4  | 71.6  | 72.5  | 62.0  | 48.5  | 36.4   | 25.9   | 45.8   |
|           | S.D.      | 10.731 | 11.709 | 9.379 | 9.481 | 7.855 | 5.881 | 5.428 | 5.043 | 8.210 | 8.293 | 10.595 | 10.961 | 19.978 |
|           | TOTAL OBS | 677    | 607    | 734   | 736   | 724   | 619   | 732   | 713   | 628   | 686   | 628    | 608    | 8092   |
| 18-20     | MEAN      | 20.9   | 20.3   | 33.1  | 44.1  | 53.3  | 63.4  | 74.5  | 68.8  | 63.6  | 52.9  | 30.6   | 31.2   | 48.5   |
|           | S.D.      | 9.262  | 10.057 | 5.942 | 9.578 | 6.216 | 4.684 | 2.993 | 5.557 | 7.694 | 7.405 | 8.157  | 8.960  | 19.252 |
|           | TOTAL OBS | 93     | 84     | 78    | 89    | 93    | 91    | 97    | 129   | 101   | 102   | 90     | 93     | 1140   |
| 21-23     | MEAN      | 19.4   | 19.6   | 32.5  | 43.7  | 52.9  | 63.9  | 74.1  | 67.8  | 62.9  | 53.1  | 30.3   | 29.2   | 47.3   |
|           | S.D.      | 9.901  | 10.701 | 6.505 | 8.970 | 6.276 | 4.516 | 2.295 | 5.433 | 7.082 | 6.449 | 8.615  | 9.109  | 19.571 |
|           | TOTAL OBS | 93     | 84     | 66    | 90    | 93    | 90    | 93    | 111   | 90    | 93    | 90     | 93     | 1086   |
| ALL HOURS | MEAN      | 17.4   | 19.9   | 30.0  | 41.8  | 51.1  | 61.1  | 71.0  | 71.3  | 61.4  | 48.5  | 35.3   | 23.9   | 44.8   |
|           | S.D.      | 11.431 | 11.375 | 8.881 | 9.080 | 6.940 | 5.483 | 5.251 | 5.378 | 7.945 | 8.291 | 10.630 | 11.586 | 20.472 |
|           | TOTAL OBS | 3423   | 3074   | 3516  | 3565  | 3555  | 3100  | 3618  | 3697  | 3357  | 3517  | 3286   | 3312   | 41020  |

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## RELATIVE HUMID

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STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                         |
| FEB    | 00-02          | 100.0  | 100.0 | 100.0 | 100.0 | 94.0 | 88.1 | 69.0 | 47.6 | 14.3 | 76.5                         | 64                      |
|        | 03-05          | 100.0  | 100.0 | 100.0 | 99.4  | 98.2 | 90.9 | 72.7 | 44.2 | 13.3 | 77.8                         | 165                     |
|        | 06-08          | 100.0  | 100.0 | 99.9  | 99.4  | 97.0 | 91.1 | 76.3 | 51.0 | 24.9 | 79.7                         | 674                     |
|        | 09-11          | 100.0  | 100.0 | 100.0 | 96.4  | 83.5 | 66.1 | 44.7 | 27.4 | 11.5 | 68.7                         | 720                     |
|        | 12-14          | 100.0  | 99.6  | 97.3  | 87.2  | 59.3 | 38.9 | 23.5 | 14.9 | 5.6  | 58.0                         | 656                     |
|        | 15-17          | 100.0  | 99.8  | 95.7  | 87.4  | 58.6 | 38.9 | 22.9 | 13.5 | 4.8  | 57.3                         | 607                     |
|        | 18-20          | 100.0  | 100.0 | 98.8  | 97.6  | 86.9 | 66.7 | 47.6 | 35.7 | 16.7 | 69.3                         | 84                      |
|        | 21-23          | 100.0  | 100.0 | 100.0 | 100.0 | 91.7 | 77.4 | 63.1 | 45.2 | 16.7 | 73.5                         | 84                      |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
| TOTALS |                | 100.0  | 100.0 | 99.0  | 94.7  | 83.7 | 69.8 | 52.5 | 34.9 | 12.0 | 70.1                         | 3074                    |

## RELATIVE HUMIDITY

PERIOD

YEAR \_\_\_\_\_  
MONTH \_\_\_\_\_

| MONTH  | HOURS<br>TEST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|---------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
|        |               | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                        |
| JAN    | 00-02         | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 82.5 | 66.7 | 27.0 | 83.2                         | 63                     |
|        | 03-05         | 100.0  | 100.0 | 100.0 | 100.0 | 99.0  | 96.3  | 84.8 | 64.4 | 28.3 | 82.9                         | 191                    |
|        | 06-08         | 100.0  | 100.0 | 100.0 | 99.7  | 98.0  | 94.2  | 82.5 | 62.8 | 23.1 | 81.9                         | 775                    |
|        | 09-11         | 100.0  | 100.0 | 99.4  | 95.9  | 85.2  | 62.8  | 37.6 | 22.1 | 9.6  | 67.0                         | 833                    |
|        | 12-14         | 100.0  | 99.9  | 96.8  | 81.6  | 59.4  | 37.1  | 19.3 | 9.1  | 3.1  | 56.3                         | 776                    |
|        | 15-17         | 100.0  | 100.0 | 96.0  | 82.2  | 60.5  | 38.0  | 21.4 | 9.0  | 4.1  | 56.9                         | 734                    |
|        | 18-20         | 100.0  | 100.0 | 98.7  | 94.9  | 84.0  | 62.8  | 35.9 | 21.8 | 5.1  | 66.7                         | 18                     |
|        | 21-23         | 100.0  | 100.0 | 100.0 | 100.0 | 98.5  | 89.4  | 66.7 | 42.4 | 13.6 | 77.4                         | 66                     |
|        |               |  |       |       |       |       |       |      |      |      |                              |                        |
|        |               |  |       |       |       |       |       |      |      |      |                              |                        |
|        |               |  |       |       |       |       |       |      |      |      |                              |                        |
|        |               |  |       |       |       |       |       |      |      |      |                              |                        |
| TOTALS |               | 100.0  | 100.0 | 98.9  | 94.3  | 85.7  | 72.6  | 53.8 | 37.3 | 14.3 | 71.5                         | 3516                   |

### RELATIVE HUMID

APR \_\_\_\_\_  
MONTH

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                         |
| APR    | 00-02          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 95.6 | 85.0 | 52.2 | 22.2 | 63.7                         | 90                      |
|        | 03-05          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 93.0 | 75.5 | 37.0 | 87.1                         | 208                     |
|        | 06-08          | 100.0  | 100.0 | 99.9  | 99.6  | 98.7  | 94.4 | 83.4 | 62.1 | 26.0 | 82.4                         | 705                     |
|        | 09-11          | 100.0  | 100.0 | 98.2  | 90.6  | 75.0  | 50.9 | 34.0 | 18.0 | 7.0  | 63.4                         | 817                     |
|        | 12-14          | 100.0  | 99.5  | 88.8  | 70.0  | 46.5  | 30.3 | 18.4 | 10.0 | 5.2  | 52.6                         | 770                     |
|        | 15-17          | 100.0  | 98.8  | 89.7  | 69.7  | 47.5  | 29.1 | 16.6 | 11.4 | 5.3  | 52.8                         | 736                     |
|        | 18-20          | 100.0  | 100.0 | 97.8  | 93.3  | 82.0  | 60.7 | 31.5 | 13.5 | 9.0  | 64.7                         | 69                      |
|        | 21-23          | 100.0  | 100.0 | 100.0 | 100.0 | 95.5  | 88.9 | 61.1 | 34.4 | 12.2 | 76.2                         | 90                      |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
| TOTALS |                | 100.0  | 99.8  | 96.8  | 90.4  | 80.7  | 68.7 | 53.5 | 35.9 | 15.7 | 70.4                         | 3565                    |

## RELATIVE HUMID

45:15  
STATION

STATION NAME

66-10,73-77

DAY  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                         |
| JAN    | 00-02          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 92.7 | 65.6 | 16.5 | 84.5                         | 93                      |
|        | 03-05          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 94.8 | 74.9 | 29.9 | 86.2                         | 231                     |
|        | 06-08          | 100.0  | 100.0 | 99.9  | 99.2  | 97.5  | 91.0 | 78.5 | 53.0 | 22.1 | 80.0                         | 759                     |
|        | 09-11          | 100.0  | 100.0 | 98.0  | 89.2  | 74.3  | 49.9 | 30.9 | 16.3 | 4.9  | 61.7                         | 802                     |
|        | 12-14          | 100.0  | 99.7  | 91.1  | 72.9  | 49.2  | 28.0 | 17.0 | 8.6  | 3.3  | 52.4                         | 760                     |
|        | 15-17          | 100.0  | 99.3  | 91.2  | 67.3  | 47.7  | 29.0 | 16.2 | 9.9  | 3.2  | 52.0                         | 724                     |
|        | 18-20          | 100.0  | 100.0 | 100.0 | 95.7  | 92.8  | 65.6 | 39.6 | 14.0 | 5.4  | 66.2                         | 93                      |
|        | 21-23          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 94.6 | 71.0 | 38.7 | 9.7  | 77.7                         | 93                      |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                |  |       |       |       |       |      |      |      |      |                              |                         |
| TOTALS |                | 100.0  | 99.9  | 97.5  | 90.8  | 81.4  | 69.5 | 55.5 | 35.1 | 12.1 | 70.1                         | 3555                    |

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## RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

## MONT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                        |
| JUN    | 00-02             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 86.7 | 70.0 | 68.1                         | 90                     |
|        | 03-05             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 98.3  | 84.9 | 63.0 | 43.6 | 38.3                         | 176                    |
|        | 06-08             | 100.0  | 100.0 | 100.0 | 100.0 | 99.2  | 97.6  | 90.9 | 74.8 | 50.0 | 35.0                         | 660                    |
|        | 09-11             | 100.0  | 100.0 | 99.9  | 99.2  | 92.6  | 74.8  | 47.8 | 22.3 | 6.6  | 69.7                         | 713                    |
|        | 12-14             | 100.0  | 99.8  | 99.1  | 93.6  | 75.2  | 45.8  | 22.5 | 11.3 | 2.5  | 60.7                         | 661                    |
|        | 15-17             | 100.0  | 99.8  | 98.5  | 92.7  | 72.1  | 40.9  | 22.3 | 12.4 | 4.2  | 60.1                         | 619                    |
|        | 18-20             | 100.0  | 100.0 | 100.0 | 100.0 | 92.3  | 75.8  | 46.2 | 23.1 | 6.6  | 70.1                         | 91                     |
|        | 21-23             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 97.8  | 92.2 | 75.6 | 13.3 | 83.4                         | 90                     |
|        |                   |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                   |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                   |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                   |  |       |       |       |       |       |      |      |      |                              |                        |
| TOTALS |                   | 100.0  | 100.0 | 99.7  | 98.1  | 91.5  | 78.9  | 64.5 | 48.7 | 17.2 | 75.7                         | 3100                   |

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STATION

STATION NAME

PERIOD

MONTH

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FORM  
101-A4

0-87.5 (OL A)

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## RELATIVE HUMIDITY

Aui,

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                        |
| AUG    | 00-02          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 96.3  | 90.7 | 77.2 | 55.1 | 46.9                         | 100                    |
|        | 03-05          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5 | 86.9 | 50.2 | 41.1                         | 237                    |
|        | 06-08          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 98.2 | 65.5 | 49.0 | 49.4                         | 794                    |
|        | 09-11          | 100.0  | 100.0 | 100.0 | 100.0 | 98.7  | 91.4  | 68.4 | 33.7 | 12.2 | 76.5                         | 129                    |
|        | 12-14          | 100.0  | 100.0 | 100.0 | 99.6  | 93.7  | 74.5  | 38.6 | 15.0 | 5.7  | 68.7                         | 772                    |
|        | 15-17          | 100.0  | 100.0 | 100.0 | 99.2  | 90.3  | 71.5  | 37.7 | 16.5 | 5.3  | 68.1                         | 713                    |
|        | 18-20          | 100.0  | 100.0 | 100.0 | 99.2  | 96.7  | 82.2  | 60.5 | 34.1 | 10.1 | 73.8                         | 129                    |
|        | 21-23          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 94.6  | 86.5 | 68.5 | 27.9 | 83.1                         | 111                    |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
| TOTALS |                | 100.0  | 100.0 | 100.0 | 99.8  | 97.5  | 88.8  | 72.3 | 51.6 | 27.3 | 79.7                         | 3697                   |

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Si p

STATION

STATION NAME

PERIOD

MONTH

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## RELATIVE HUMIDITY

701

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                       |
| JUL    | 00-02          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 78.9 | 93.5 | 71.0 | 93.7                         | 93                    |
|        | 03-05          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 93.2 | 71.6 | 93.3                         | 206                   |
|        | 06-08          | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 99.4  | 97.0 | 88.3 | 58.7 | 90.8                         | 779                   |
|        | 09-11          | 100.0  | 100.0 | 99.9  | 98.4  | 92.0  | 73.5  | 49.7 | 23.8 | 9.3  | 70.4                         | 807                   |
|        | 12-14          | 100.0  | 100.0 | 98.9  | 89.9  | 56.5  | 30.4  | 14.9 | 6.9  | 2.0  | 55.3                         | 751                   |
|        | 15-17          | 100.0  | 100.0 | 99.0  | 88.6  | 56.0  | 31.0  | 17.8 | 7.1  | 2.0  | 55.7                         | 686                   |
|        | 18-20          | 100.0  | 100.0 | 100.0 | 99.0  | 92.2  | 81.4  | 65.7 | 35.3 | 4.9  | 73.4                         | 102                   |
|        | 21-23          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 98.9  | 94.6 | 87.1 | 46.2 | 89.4                         | 93                    |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
| TOTALS |                | 100.0  | 100.0 | 99.7  | 97.0  | 87.2  | 76.8  | 67.3 | 54.4 | 33.2 | 77.8                         | 3517                  |

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File

STATION

STATION NAME

### **PERIOD**

MONTH

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DATA PROCESSING SECTION  
HAF/USAF  
AIR LAUNCH SERVICE/AF

# RELATIVE HUMIDITY

43216 PYLAGEAR AB K / CAMP HUMPHREYS  
STATION STATION NAME

NOV-70, 71-78  
PERIOD

ALL  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                       |
| JAN    | ALL            | 100.0  | 100.0 | 99.7  | 98.0 | 88.2 | 73.4 | 53.7 | 34.2 | 13.5 | 71.5                         | 3424                  |
| FEB    |                | 100.0  | 100.0 | 99.0  | 94.7 | 83.7 | 69.8 | 52.5 | 34.9 | 12.0 | 70.1                         | 3074                  |
| MAR    |                | 100.0  | 100.0 | 98.9  | 94.3 | 85.7 | 72.6 | 53.8 | 37.3 | 14.3 | 71.5                         | 3516                  |
| APR    |                | 100.0  | 99.8  | 96.8  | 90.4 | 80.7 | 68.7 | 53.3 | 35.9 | 15.7 | 70.4                         | 3565                  |
| MAY    |                | 100.0  | 99.9  | 97.5  | 90.8 | 81.4 | 69.5 | 55.5 | 35.1 | 12.1 | 70.1                         | 3555                  |
| JUN    |                | 100.0  | 100.0 | 99.7  | 98.1 | 91.5 | 78.9 | 64.5 | 48.7 | 17.2 | 75.7                         | 3100                  |
| JUL    |                | 100.0  | 100.0 | 100.0 | 99.8 | 98.6 | 93.6 | 79.3 | 61.7 | 31.1 | 82.7                         | 3618                  |
| AUG    |                | 100.0  | 100.0 | 100.0 | 99.8 | 97.5 | 88.8 | 72.3 | 51.6 | 27.3 | 79.7                         | 3697                  |
| SEP    |                | 100.0  | 100.0 | 99.9  | 98.2 | 91.3 | 81.7 | 71.2 | 57.6 | 29.3 | 79.2                         | 3357                  |
| OCT    |                | 100.0  | 100.0 | 99.7  | 97.0 | 87.2 | 76.8 | 67.3 | 54.4 | 33.2 | 77.8                         | 3517                  |
| NOV    |                | 100.0  | 100.0 | 99.6  | 96.9 | 89.3 | 77.9 | 63.0 | 48.1 | 26.0 | 76.2                         | 3236                  |
| DEC    |                | 100.0  | 100.0 | 99.9  | 98.2 | 92.5 | 80.0 | 60.7 | 44.9 | 20.7 | 75.8                         | 3312                  |
| TOTALS |                | 100.0  | 100.0 | 99.2  | 96.2 | 89.0 | 77.6 | 62.3 | 45.4 | 21.0 | 75.1                         | 41020                 |

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

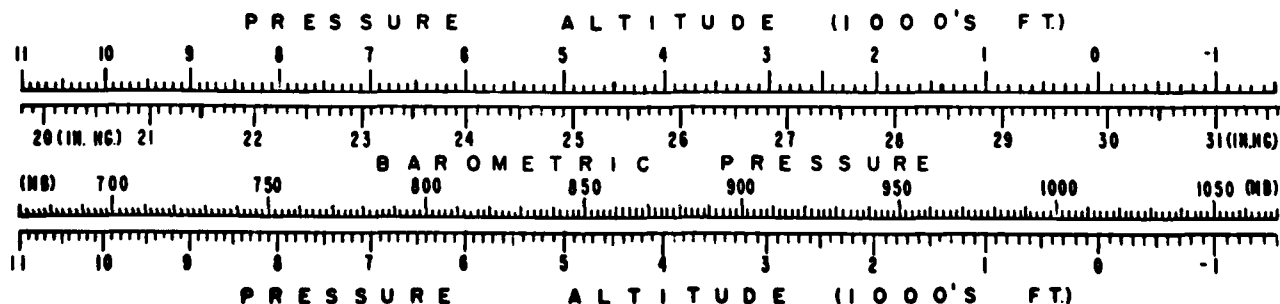
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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